

EMPIRE STATE ARCHITECT

AMERICAN INSTITUTE
OF
ARCHITECTS
SEP 13 1957
LIBRARY



CONVENTION ISSUE

SEPTEMBER - OCTOBER
1957

VOLUME XVII - NUMBER V

How ANEMOSTAT

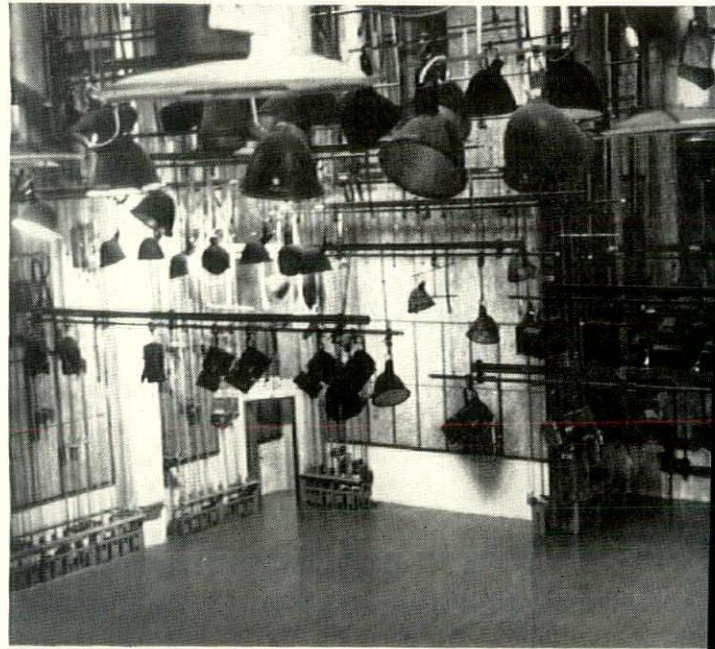
Air Diffusers help make movies

A carefully designed air conditioning system enables Production Center, Inc. to make movies at top speed during the hot summer months. In fact, production has been increased by three to four times, according to Center estimates.

Anemostat Air Diffusers help do this vital job. They draftlessly diffuse 20,000 cubic feet of cooled air per minute pushed by giant fans through the soundproofed ducts. The two main studios have 32 vertical ducts, ranging in diameter from 18 to 24 inches; of these, 24 are telescopic and can be raised or lowered to suit requirements. The conditioned air, efficiently distributed by Anemostat Air Diffusers, offsets the heat from the tremendous wattage of the lights needed for film-making.

Movie-viewing, as well as movie-making, is aided by Anemostat Air Diffusers. They are installed in hundreds of theatres throughout the country. Anemostat Air Diffusers also provide *true* draftless comfort and uniform air distribution in schools, hospitals, banks and practically all types of commercial and industrial buildings.

One of three completely air conditioned sound stages at Production Center, Inc. in New York City.



Note the Anemostat Air Diffusers installed on the telescopic ducts.



Joseph B. Klein, Architect
Robert Glenn, Inc., General Contractor
Wolff & Munier, Inc.,
Mechanical Contractors



For complete data, write for your copy of the new Anemostat Selection Manual No. 60 to Anemostat Corporation of America, 10 E. 39th Street, New York 16, N. Y.



NEW YORK'S FASHION INSTITUTE SETS STYLE WITH

Aluminum WINDOWS and CURTAIN WALLS

by **GENERAL BRONZE CORPORATION**

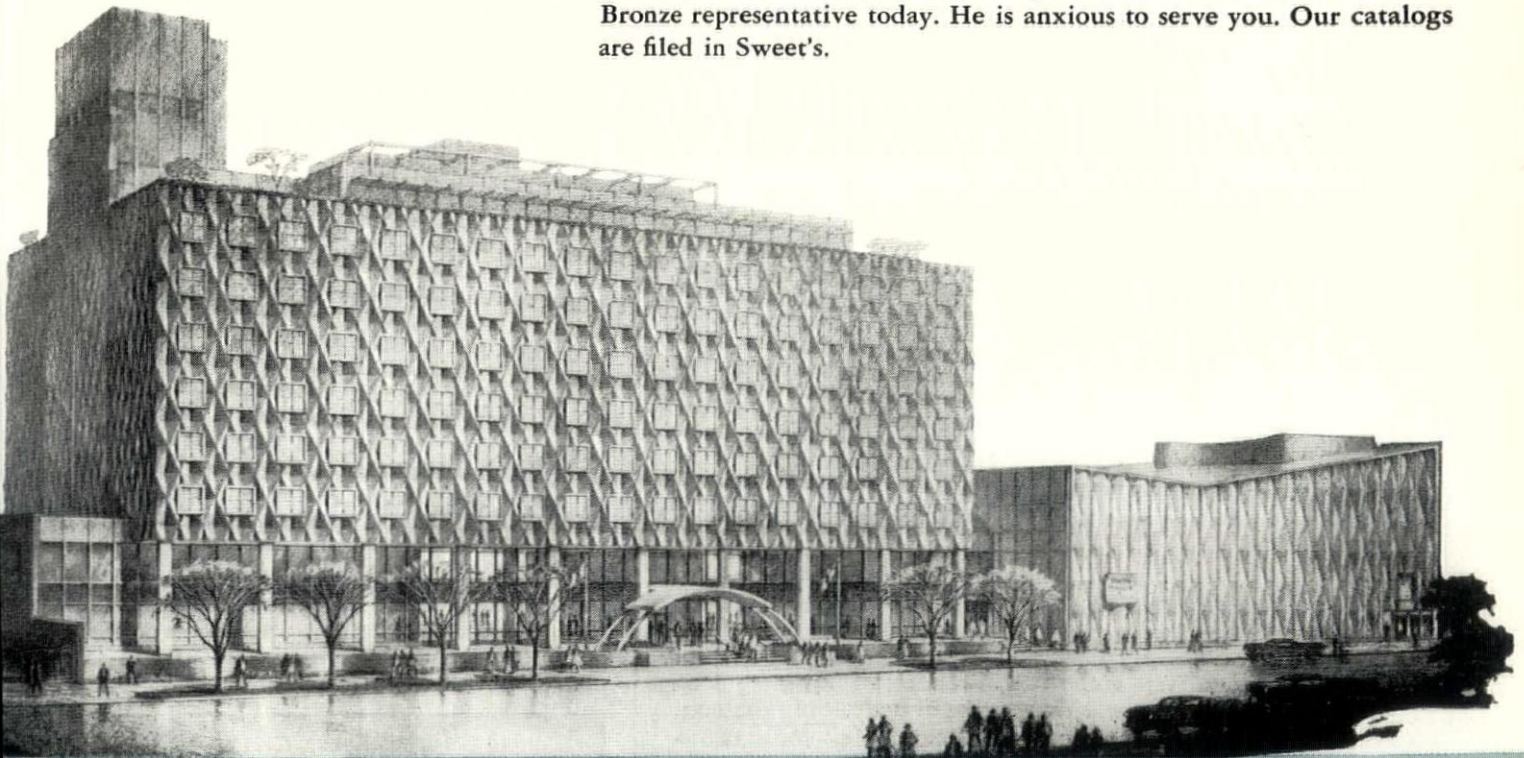
The colored aluminum curtain wall design of the new Fashion Institute of Technology will make it one of the outstanding school buildings of our times.

Not only does the modern curtain wall offer many economic advantages to the owner — such as faster construction, more rentable floor area, earlier tenancy, etc. — but it also enables the architect to give his buildings a truly modern appearance.

As a result of our pioneering efforts in the field of curtain walls and our 11 years of practical experience on more than 40 individual jobs, both large and small, we at General Bronze have learned the answers to many of the intricate and detailed problems that are a part of this highly specialized business.

If you are thinking of curtain walls, in terms of aluminum, bronze or stainless steel, either complete skin or grid system, we offer you the benefit of our experience working with all types of buildings, all types of materials — experience that can help eliminate many headaches for you and save time and money for your clients. Call in the General Bronze representative today. He is anxious to serve you. Our catalogs are filed in Sweet's.

Fashion Institute of Technology
New York, N. Y.
Architects: de Young, Moscovitz and Rosenberg
Contractor: Depot Construction Co.



GENERAL BRONZE CORPORATION

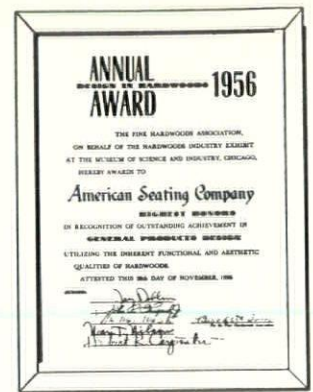
Executive Offices and Main Plant: Stewart Ave., Garden City, N. Y.

Sales Offices: 100 Park Ave., New York—3849 West Lake St., Chicago

PERMATITE DIVISION—Custom-built Windows, Architectural Metal Work and Revolving Doors. ALWINTITE DIVISION—Stock-size Aluminum Windows
BRACH MFG. CO. DIVISION—Multel. T. V., Radio and Electronic Equipment STEEL WELDMENTS, INC. DIVISION—Custom fabrication in steel and iron.



The American Seating Company received the "highest honors" award for this new Contemporary Pew, "in recognition of outstanding achievement in general products design" in hardwoods.



Announcing the Bodiform® CONTEMPORARY

... a new line of church pewing by American Seating,
functionally designed for all modern church interiors

Now you can have distinctively modern pewing that complements *all* modern and modified traditional church interiors . . . with the new American Seating BODIFORM Contemporary. Here is the restful comfort of one-piece BODIFORM construction, with its graceful body-fitting contours.

Here is new convenience for worshippers — for the BODIFORM Contemporary has no back supports to interfere with entering, sitting, or leaving . . . no aisle-tripping pew ends. There's more legroom, more kneeroom — more room for standing and passing.

Here is new beauty for your church in the rich, natural grain and color of fine cabinet woods . . . smartly tapered steel legs . . . optional pew ends, in a choice of five attractive designs.

In planning the pewing for new churches, or remodeling of present churches, be sure you get details on this new BODIFORM Contemporary Pew. Write today, or phone our nearest sales representative.

AMERICAN SEATING



923 W. Genesee Street, Syracuse 4, New York

1776 Broadway, New York 19, New York



Rigid, custom-designed Dur-O-wal prevents cracks

Reputations in the Building Trade, Like Masonry Walls, rely on Dur-O-wal for Strength

Throughout the nation leaders in the building industry are depending increasingly on Dur-O-wal, the masonry reinforcement of proven performance. This high quality, custom-fabricated reinforcement sets the standard for the world.

Masons prefer Dur-O-wal because its butt-welded rods lie straight and flat in tight mortar joints. Architects specify it because Dur-O-wal has more pounds of steel per foot and double mortar locks to assure permanent walls of flawless beauty. Safeguard your repu-

tation for sound judgment by insisting on the finest. Accept no substitutes. Choose Dur-O-wal . . . available everywhere.

TRUSSED DESIGN
BUTT WELD DEFORMED RODS

Dur-O-wal

**RIGID BACKBONE OF STEEL
FOR EVERY MASONRY WALL**

Dur-O-wal Division, Cedar Rapids Block Co., **CEDAR RAPIDS, IOWA** Dur-O-wal Products, Inc., Box 628, **SYRACUSE, N. Y.** Dur-O-wal of Illinois, 119 N. River St., **AURORA, ILL.** Dur-O-wal Products of Alabama, Inc., **BIRMINGHAM, ALA.** Dur-O-wal Products, Inc., 4500 E. Lombard St., **BALTIMORE, MD.** Dur-O-wal Division, Frontier Mfg. Co., Box 49, **PHOENIX, ARIZ.** Dur-O-wal, Inc., 165 Utah St., **TOLEDO, OHIO**

HEAD WORK

SOLVES THE

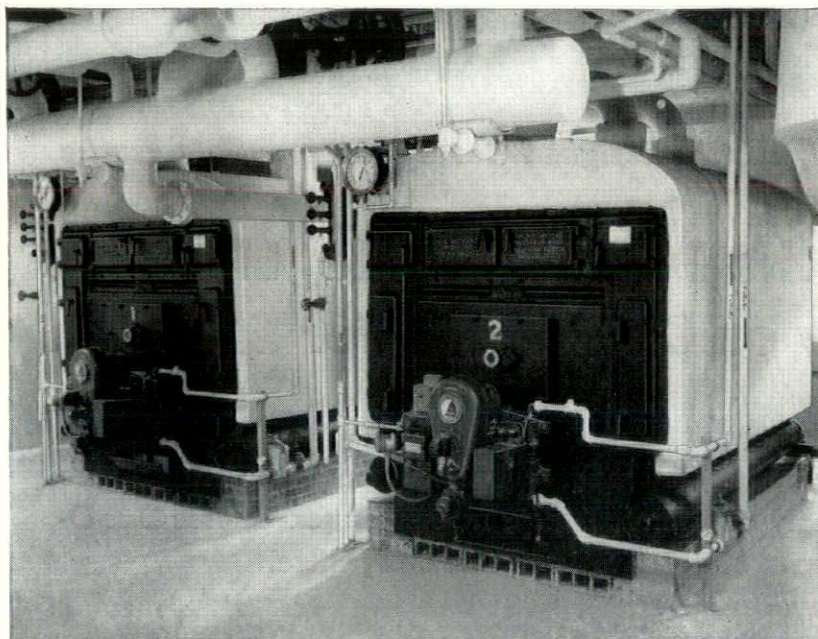
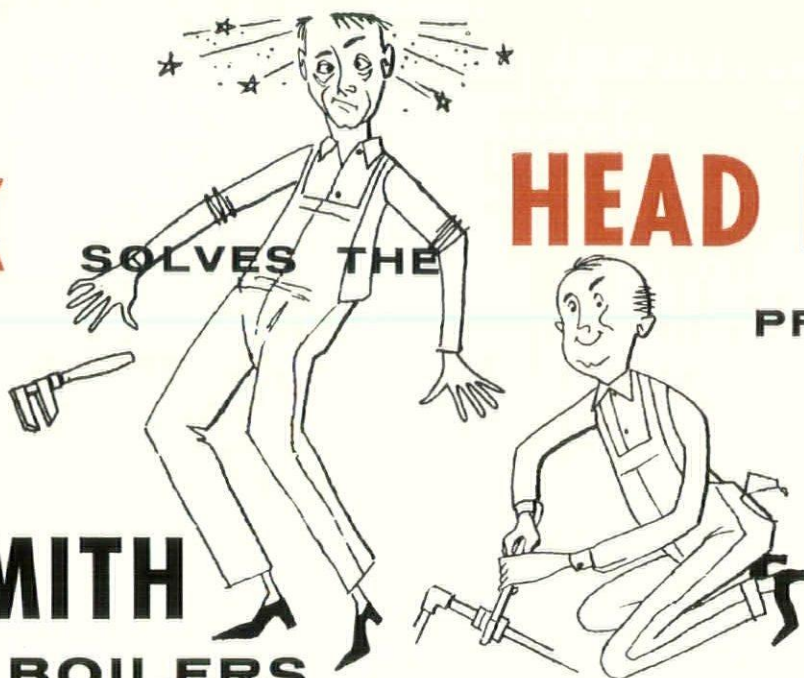
HEAD ROOM

PROBLEM

WITH H. B.

SMITH

LO-SET BOILERS



It was planned to use heavy oil in two new buildings housing the service areas and restaurants at the Bordentown Interchange of the New Jersey Turnpike. The buildings were designed to utilize a minimum of boiler room height. The problem was solved by the installation of two No. 42 LS-16 Smith Lo-Set boilers for heavy oil in each building. They are fired with horizontal rotary oil burners with induced draft — year 'round operation for heating, air conditioning and domestic hot water requirements.

H. B. Smith 42 Series boilers have a long and consistent record of high efficiency when fired by heavy oil. Their advanced flue design and large area of heating surface assure fast and thorough heat absorption which results in important fuel economy.

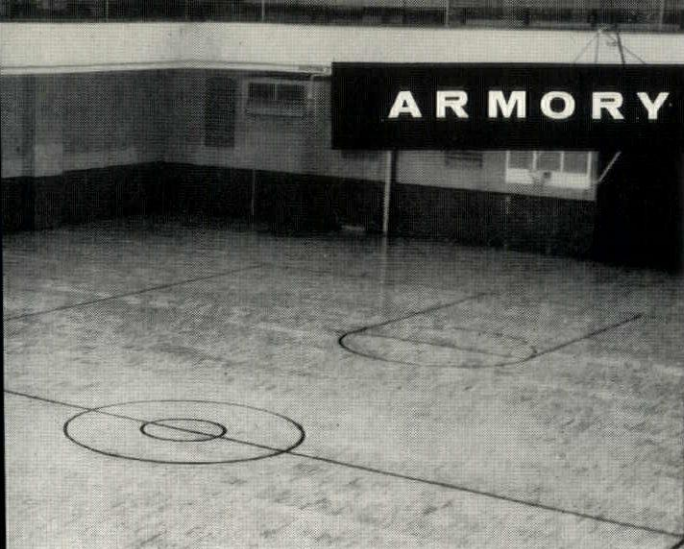
Ordinarily, these boilers are erected on concrete or brick foundations built to a height which would best accommodate most industrial oil burners. However, applications are sometimes encountered where there is insufficient head room above the boiler height to permit addition of the masonry base of the boiler. To meet — and beat — this problem, H. B. Smith supplies 42 Series boilers with a special front section and oil burner mounting plate. Since oil burners from various suppliers require different openings in the face of the plate, fronts are furnished with plain surfaces which may be drilled and cut to the proper specifications for the burner.

H. B. Smith Lo-Set 42 boilers have been extensively tested under exacting and widely varying conditions. Results establish that the boilers operate with customary H. B. Smith dependability at high operating efficiency.

H.B. Smith

CAST IRON BOILERS

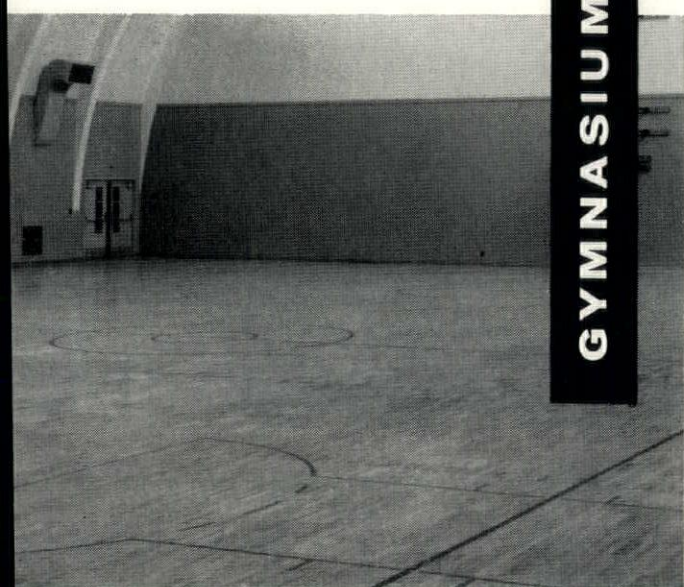
H. B. SMITH CO., INC., WESTFIELD, MASSACHUSETTS • Established 1852



ARMORY



BAKERY



GYMNASIUM



NEWSPAPER PLANT

...ALL ENJOY IRONBOUND'S RUGGED RESILIENCY

Ironbound* Continuous Strip* Hard Maple Floors are specified wherever beauty, resiliency and long run economy are desired. And for good reason. Ironbound's edge-grain rock maple strips produce a floor which takes a beating and remains tight, smooth and attractive for generations. This ability to withstand hard wear from athletes or industry means long-run economy unmatched by any other floor. That's why Ironbound floors are installed

in the finest gymnasiums, industrial plants, and public buildings from coast to coast. For information and specifications, write to your nearest authorized New York installer.

Ironbound flooring is now available vacuum-impregnated by the DRI-VAC method for protection against moisture absorption, swelling, shrinking, checking and grain raising as well as termite and fungi attack.

*T.M. Reg. U.S. Pat. Off.

FORM FLOORING COMPANY, INC.

2650 Park Avenue, New York 51, N.Y.

Phone MO 9-2700

YAEGER FLOOR COMPANY, INC.

Post Office Box 74, Brighton Station, Rochester 10, N.Y.

Phone HUBbard 2-0806

ELECTRI-LIVING HOME by John Dornès at Monroe, N. Y.

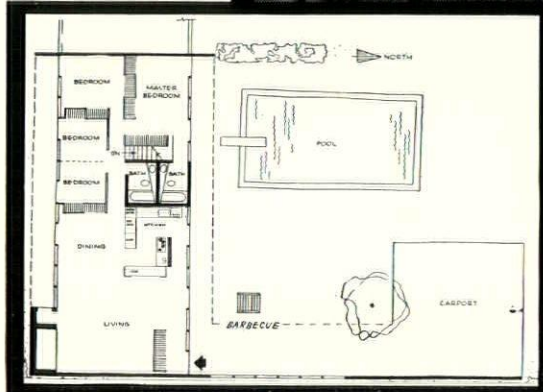
The newest thing in
flexible living includes the
newest in Economical Plumbing . . .
**AN ENDURING REVERE
ALL-COPPER SYSTEM**



**NO WRENCH SPACE
WORRIES HERE**—Note
how easy it is to work
in the tight spots when
Revere Copper Tube
with solder fittings is
used.

**NO WONDER REVERE
COPPER TUBE COSTS
LESS** to install. Imagine
all the time it
would have taken to
cut threads and caulk
joints for the lines you
see here.

**160' OF REVERE DWV
Copper Tubing in 1½"
to 3" diameters were
used for drainage and
waste lines, while
240' of Revere Type
"L" Copper Water
Tube, in ½" and 1"
sizes, were used for
hot and cold water
lines . . . an all-
copper system. Instal-
lation was made by
Fred Wilcox, Warwick,
New York.**



**BASIC
FLOOR
PLAN**

This first of a group of homes designed by Mr. Dornès is planned so that by employing movable units and partitions, there can be many variations from the basic plan.

But just as Mr. Dornès demanded flexibility in design so did he demand economy of the plumbing system. Said Mr. Dornès, "While I wanted to use nothing but the best materials I still had to consider the economy angle in order to realize a profit. After considering the advantages of Revere Copper, its ease of installation, the smaller sizes possible in the drainage lines, and its enduring qualities, it simply wouldn't have made good sense not to use it for drainage as well as hot and cold water lines."

The inherent economies of Revere Copper Tube in drainage, waste lines and vent stack service and for hot and cold water lines are also the reasons why more and more architects, builders and contractors also prefer it for radiant panel heating, underground service lines, air conditioning and processing lines.

**SEND TODAY FOR NEW LITERATURE
ON REVERE DWV COPPER DRAINAGE TUBE**

REVERE COPPER AND BRASS INCORPORATED

Founded by Paul Revere in 1801
230 Park Avenue, New York 17, N. Y.

*Mills: Rome, N. Y.; Baltimore, Md.; Chi-
cago, Clinton and Joliet, Ill.; Detroit, Mich.;
Los Angeles and Riverside, Calif.; New
Bedford, Mass.; Brooklyn, N. Y.; Newport,
Ark.; Ft. Calboun, Neb. Sales offices in
Principal Cities, Distributors Everywhere.*



lenroc stone®

Architecturally Distinctive

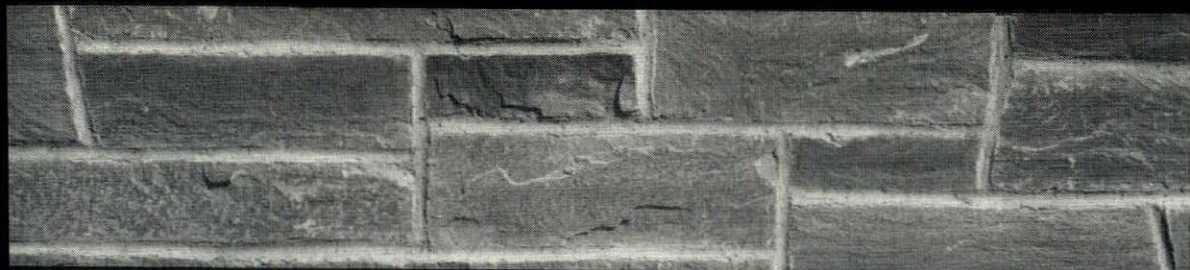
LENROC SAWED-BED

ASHLAR:

Sawed Multiple Rise
Low cost—
Minimum Hand-cutting

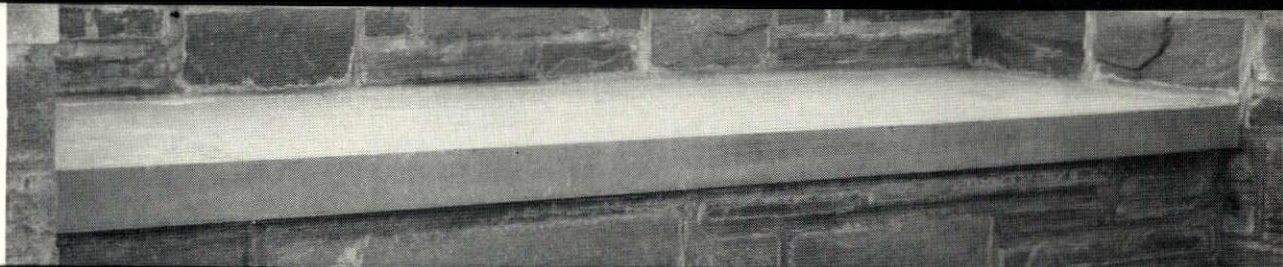


**LENROC
SEAM FACE
BONDED ASHLAR:**
Our Finest Squared
Rubble Stone
All natural seam faces



LENROC DIMENSION BLUESTONE:

Gills, treads, copings,
siding, etc. Variety
of machine finishes



**LENROC
FLAGSTONE:**
Natural Cleft Surface
with Variegated Color
All dimensions and sizes



**LENROC
SAIC RUBBLE:**
Basic Rubble Random
Patterns for interior
exterior; uncoursed
polygonal masonry.



LENROC STONE REPRESENTATIVES

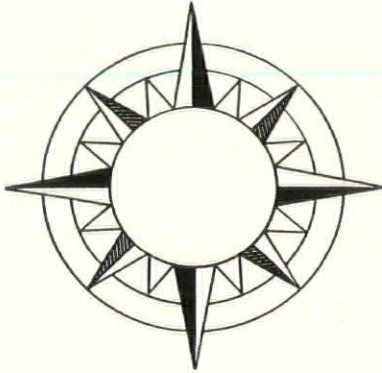
N. Y.	Adam Ross Cut Stone Co., Inc.		
N. Y.	Maloney Lumber & Supply Corp.		
on, N. Y.	Binghamton Standard Materials Corp.		
N. Y.	John H. Black Company		
N. Y.	Corning Building Co.		
N. Y.	Harris, McHenry & Baker		
N. Y.	The McEnery Co., Inc.		
ck, L. I.	Stone & Flagging Inc.		
N. Y.	David Gill, Jr., Inc.		
N. Y.	Sullivan County Building Materials Co.		
N. Y.	Cotton-Hanlon	Syracuse, N. Y.	D. J. Salisbury, Inc.
N. J.	Bergen Bluestone Co.	Utica, N. Y.	N. D. Peters & Co.

Cost is surprisingly low. Our Architectural Staff will gladly assist you in detailing information or budget estimates.

Write for Full Color Brochure and Estimating and Detailing Bulletins No obligation, of course.

FINGER LAKES STONE Co., Inc.

Are we ready to... *air condition* our school rooms?



which way comfort?

Nesbitt

...comfort all ways

Syncretizer Unit Ventilator

Series Wind-o-line System

Mainline System

Year'round Air Conditioners:

Syncretizer and Mainliner
for classrooms

Roommate for offices

AudiCon for auditoriums

Thermovent Auditorium Ventilator

Nesbitt Cabinet Heater

Sill-line Radiation

Are school boards ready? While many schools have not yet installed an adequate system of heating and cooling by controlled ventilation, many others find such protection indispensable—and even think of adding mechanical refrigeration for cooling at certain times of year. Needs vary in different parts of the country; but wherever school buildings are to be used all year round—and in areas where outside temperatures are often above 60° during the normal school term—a complete system of heating, ventilating, natural cooling, and air conditioning is the only assurance of a comfortable learning environment at all times. Therefore many school executives and board members are giving serious thought to air conditioning in tomorrow's schools.

Are taxpayers and bondholders ready? The people who supply the money for public education will have many questions about the cost of installing and operating year-round air conditioning, but the facts will be weighed against the benefits to students and community.

Are architects and engineers ready? Is contemporary school building design well suited to the employment of summer air conditioning? What effect upon design will the growing desire for year-round comfort protection have? How best design the system—for installation all at once or in successive stages?

IS NESBITT READY? With more than a quarter-century of experience in the manufacture of air conditioning components, Nesbitt is prepared to offer its Year'round Air Conditioners (*Syncretizer* and *Mainliner* for classrooms; *Roommate* for offices; and *AudiCon* for auditoriums). All Nesbitt Year'round units may be installed initially for heating and cooling by controlled ventilation, and the summer cooling components may be added later.

Are you ready? Whatever your relation to the school field, you probably have questions: What is involved in air conditioning a school? What are the initial and the operating costs? What must be considered before deciding to install controlled ventilation now and mechanical refrigeration later? These and many other questions are answered in the treatise by Nesbitt engineers, "An Analysis of Air Conditioning for Schools." Mail this coupon for your free copy.

An Analysis of
AIR CONDITIONING
FOR SCHOOLS

this free
publication
will answer
many of your
questions

JOHN J. NESBITT, INC., DEPT. E,
PHILADELPHIA 36, PA.

Gentlemen: Please send me a copy of your publication, "An Analysis of Air Conditioning for Schools."

Name _____

Affiliation _____

Address _____

City _____ State _____

EMPIRE STATE ARCHITECT

THE OFFICIAL PUBLICATION
NEW YORK STATE ASSOCIATION OF ARCHITECTS

CONVENTION ISSUE

OFFICERS

President	Trevor W. Rogers Buffalo-W. N. Y. Chapter 3491 Delaware Ave., Buffalo 17, N. Y.
1st Vice President	Harry M. Prince New York Chapter 101 Park Avenue, New York 17, N. Y.
2nd Vice President	John W. Briggs Central N. Y. Chapter 311 Alexander St., Rochester 7, N. Y.
3rd Vice President	Frederick H. Voss Westchester Chapter Bradley Lane, Dobbs Ferry, N. Y.
Secretary	Simeon Heller New York Society 38-11 Union St., Flushing 54, N. Y.
Treasurer	Martyn N. Weston Brooklyn Society 44 Court Street, Brooklyn, N. Y.
Executive Director	Joseph F. Addonizio 441 Lexington Avenue, New York 17, N. Y.

PAST PRESIDENTS

James Wm. Kideney Buffalo-W. N. Y. Chapter
Charles R. Ellis Syracuse Society
Matthew W. Del Gaudio New York Society
C. Storrs Barrows Rochester Society
Henry V. Murphy Brooklyn Chapter
Donald Q. Faragher Rochester Society
Adolph Goldberg New York Society

DIRECTORS

Leo Stilman Bronx Chapter
Harry Silverman Brooklyn Chapter
Frank Randazzo Brooklyn Society
Roswell E. Pfohl Buffalo-W. N. Y. Chapter
Carl W. Clark Central New York Chapter
James A. Mero Eastern New York Chapter
Walter Brach Long Island Society Chapter
J. Stanley Sharp New York Chapter
George J. Cavalieri New York Society
Guerino Salerni Queens Chapter
Leonard A. Waasdorp Rochester Society
Michael S. Diamond Staten Island Chapter
S. Elmer Chambers Syracuse Society
Harry W. McConnell Westchester Chapter

PUBLICATION COMMITTEE

Charles Rockwell Ellis, Chairman
Frederick H. Voss, Vice-Chairman
August Lux, Vice-Chairman
Warren Neal Wittek, Editor
Harry E. Rodman
Carl W. Clark
John W. Briggs
Albert Melniker
Herbert Epstein
Geoffry Lawford
Daniel Klinger

Contributing Editors

Harley J. McKee
Carl F. Schmidt
James W. Kideney
Malcolm B. Mayer
Thomas H. McKaig
Harold R. Sleeper
Arthur C. Holden

Associate Editors

Warren L. Henderson, Constituents
Daniel Schwartzman, Editorials
George B. Cummings, National Affairs
C. Storrs Barrows, State Activities
Matthew W. Del Gaudio, Legislation
Howard P. Bell, Design

CONTENTS

	Page
Among the Constituents	20
New Naval Air Station Hangar	27
Officers and Directors	32-33
President's Message	35
Convention Program	36-37
Speakers at Convention	38
Convention Committee	39
Commercial Exhibitors	40-41
Onondaga County Office Building	42
F. & M. Schaefer Brewing Co.	44
Bethlehem Office Bldg.	45
Hamburg Town Hall	46
Residence Hall—U. of B.	47
Two Junior High Schools	48-49
Greek Revival	50
A Century of Progress with Steel	52
Building for the State of N. Y.	55
That Necessary Evil	58
A New Front in Architecture	63
Sewage Disposal	68
2nd Exhibition of Photography	70
Public Relations	71
Index to Advertisers	92

ON THE COVER:

Onondaga County Office Building,
Syracuse, New York
King & King, Architects

Address all communications regarding the State Association to the Executive Director, Joseph F. Addonizio, 441 Lexington Avenue, New York 17, New York; all editorial comments to Charles Rockwell Ellis, 433 South Salina Street, Syracuse 2, New York; all editorial material to Warren Neal Wittek, 819 Forest Ave., Buffalo 9, New York; and inquiries regarding advertising to the Publisher.

Publisher

Julian L. Kahle
547 Linwood Avenue, Buffalo 9, New York

September - October Issue — Vol. XVII, No. V

"Entered as second-class matter March 6, 1943 at the Post Office at Buffalo, New York, under the act of March 3, 1879."

Subscription Price: \$1.00 per year. Non-Members \$2.50; \$.50 per issue
Published 6 Times a Year

DOING MORE WITH FLEXICORE

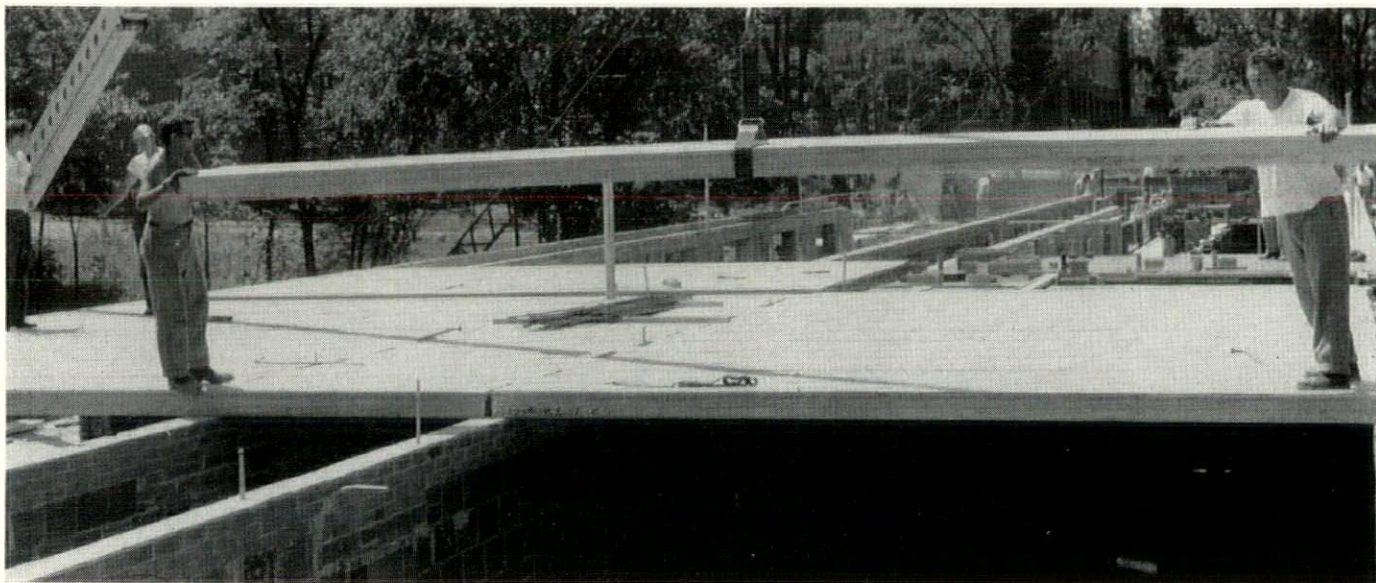


Triple-Duty Material for Economy in Fire-Safe Construction

SPECIFIED FOR STATE COLLEGE DORMITORY



State Teachers College Dormitory, Geneseo, N. Y. Architect: Waasdorp & Northrup, Rochester, N. Y. Contractor: Swartout & Rowley, Rochester, N. Y. Flexicore supplied by Anchor Concrete Products, Inc., Buffalo, N. Y.



Triple-duty Flexicore is shown here being installed on the State Teachers College Dormitory at Geneseo.

The many advantages of *triple-duty* FLEXICORE precast prestressed concrete slabs are highlighted in the construction of the new dormitory at the State Teachers College in Geneseo, New York.

Fire-safe FLEXICORE gives triple-duty . . . a sub-floor, joist, and ceiling finish all in one unit.

Masonry partitions serve a dual purpose. They provide structural support for floors and roofs, and room division.

Use of FLEXICORE supported on masonry units in this project illustrates how materials serving more than one function help to s-t-r-e-t-c-h the building dollar.

*You're invited to visit the exhibit
of Anchor's many fine products in
Booths 55-56-57.*

ANCHOR CONCRETE

WABASH AVENUE AT 2450 WILLIAM STREET

DOING MORE WITH ANCHOR CONCRETE PRODUCTS

NEW

ANCHORLITE

The Autoclaved "WHITE" Block
With Superior Eye Appeal



Interesting wall patterns in these two churches are enhanced by the light-colored, beautifully textured new ANCHORLITE Blocks.

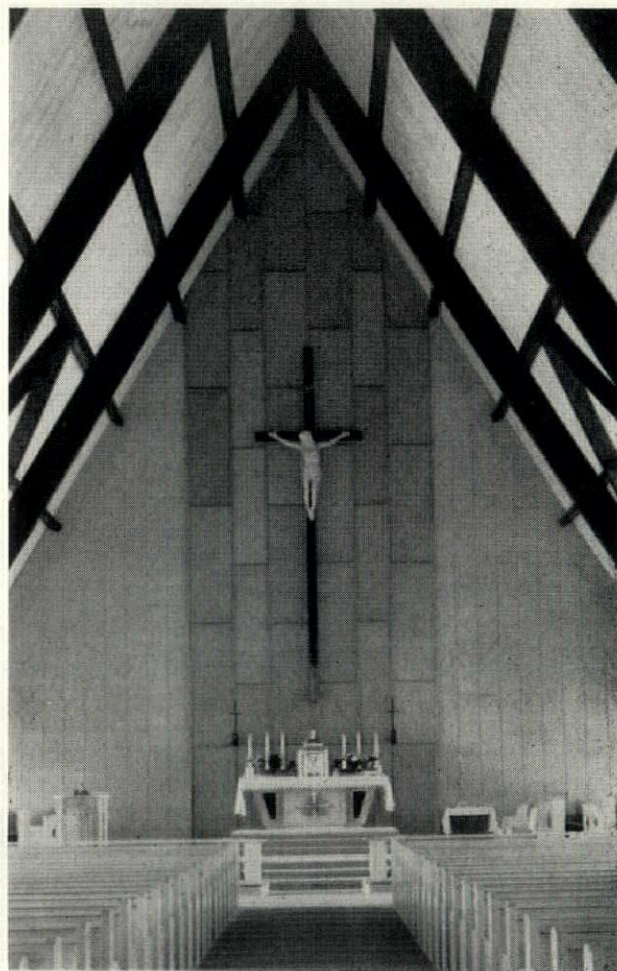
Anchor is proud to present the newest member in its family of fine products, the new ANCHORLITE Masonry Unit, a light-colored Autoclaved lightweight block that approaches white in color, and has great eye appeal.

It's a new block, beautifully textured . . . ideal for exposed work painted or unpainted . . . adding to the effectiveness of the many distinctive patterns available with masonry units. Offering excellent light reflecting characteristics, ANCHORLITE Blocks are highly recommended for buildings where appearance of the finest quality is desired.

ANCHORLITE is a Silica Celocrete Lightweight Block, pre-shrunk and stabilized by the Autoclave process of curing . . . made with white silica flour and Celocrete (a light-colored aggregate).

ANCHORLITE Blocks also feature the same fine acoustic and sound transmission characteristics of Anchor's regular Denstex Celocrete Blocks.

*Write or Phone Us Today for Your
Copy of our "50 Patterns" and
"Shadow" Brochures.*



PRODUCTS, INC.

HU 3152

BUFFALO 6, N. Y.

ROBBINS MAKES FLOORING NEWS

ROBBINS FLOOR PRODUCTS, INC.
Tuscumbia, Alabama

fabulous
floors
by



fabulous floors by Robbins fabulous floors by Robbins fabulous floors by Robbins



ROBBINS METALTONE VINYL TILE, in bronze, was used in this section of Standard-Vacuum's executive dining room to achieve contrast in the over-all decor.

DESIGNER ACHIEVES VARIETY AND UNITY IN SPITE OF VAST FLOOR SPACE

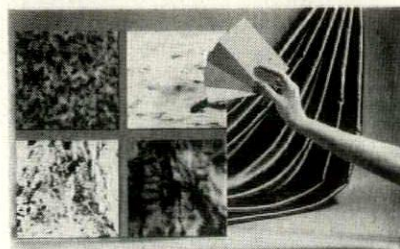
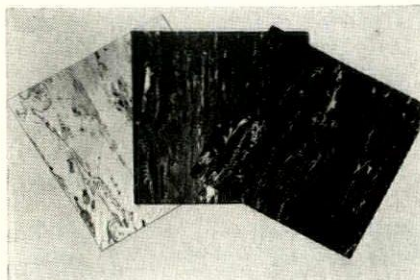
Achieving both variety and unity in a floor area covering 250,000 square feet is not an easy job for even the most versatile designer. Yet this was the problem Mrs. Helen O'Connell, interior designer for Eggers and Higgins, Architects, faced and solved in decorating Standard-Vacuum Oil Company's new international head-

quarters at White Plains, New York.

Mrs. O'Connell utilized celadon green and terra cotta as key colors on the corridor walls to achieve color harmony throughout the building. This decor was enhanced by a special beige tone vinyl floor tile specified by Mrs. O'Connell and made to her directions by Robbins Floor Products.

PROOF OF PERFORMANCE

Between 20- and 30-million people have tramped across these tiles since they were installed 5½ years ago in Langley's Cafeteria, New York City. Located at the entrance to the upstairs dining area, they have been scuffed and scraped hundreds of times daily. Yet they are still bright and beautiful—removed only because the cafeteria is being replaced by a new building.



PEOPLE PRAISE POMPEIIAN

A number of architects and designers are already creating new designs utilizing our Pompeiian floor tile, the first vinyl tile ever to capture the surface appearance and texture of true marble. Pompeiian's natural lustre and easy maintenance enhance all kinds of areas in institutions, residences and commercial buildings at very low cost.



GOT PLANS ON THE BOARD?

Then you'll find this Robbins' Architects Samples Kit invaluable. It contains all the styles and colors in our vinyl, rubber and cork floor tiles. It's worth \$50 yet we're offering it free to every architect. Write today, on your letterhead, please.

Or if your kit needs replenishing, send it to us. We'll refill—add samples—return it to you. No obligation, of course.

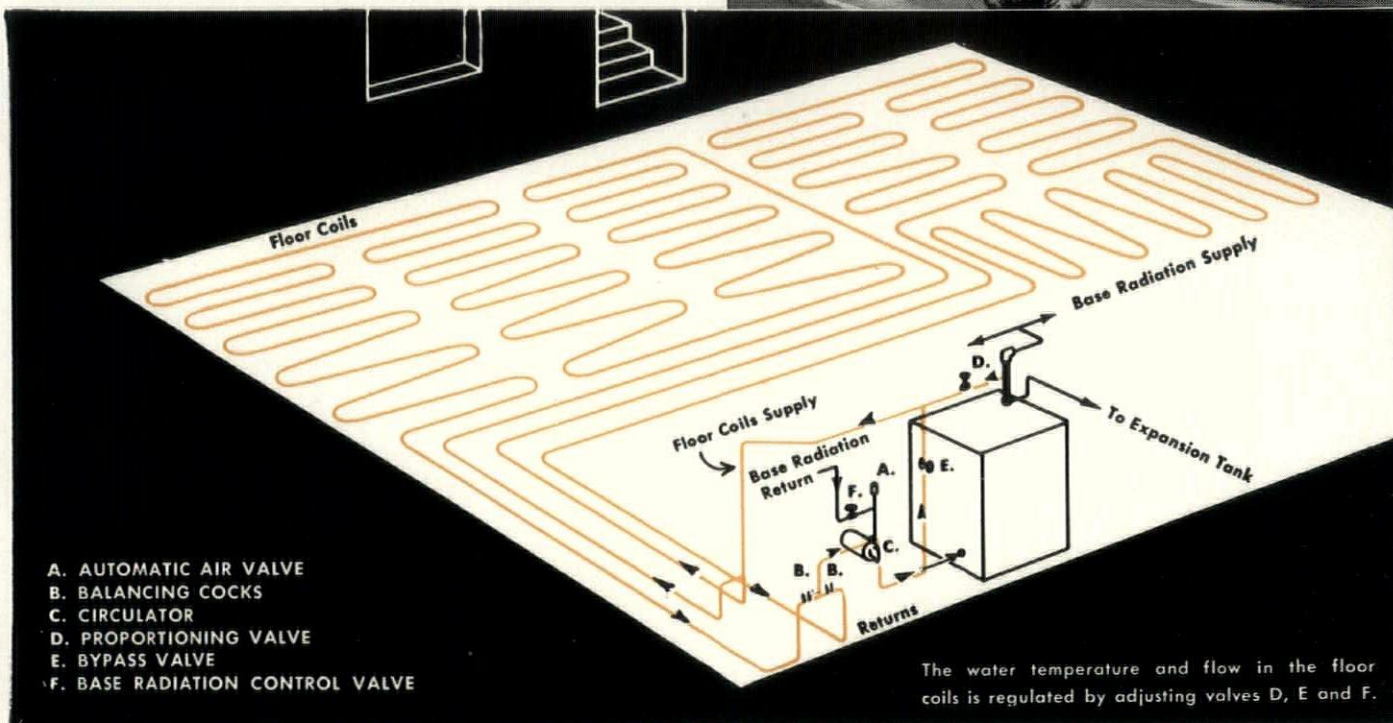
LIKE A FIRST-HAND LOOK?

Do you know "What's New?" in floor styling, installation and maintenance? Or would you like to see how we make those fabulous floors? Robbins regularly invites architects to fly down to our Tuscumbia plant. Now we've expanded our fleet—acquired a Lockheed Lodestar to speed up these trips. This year, 108 trips are scheduled from all over the country. Just call your Robbins distributor (he's listed in the classified section of your phone book)—he'll gladly make arrangements for you to enjoy some of our special Tuscumbia-brand Southern hospitality.

ARCHITECTS:

Like to know more about Robbins fabulous tiles? See Sweet's or write us for complete details.

No cold floors in below-grade rooms of these split-levels



Builder Fleming says new radiant panel-base-board dual system passes test of winter

"I am convinced that a floor radiant-heating system is the only way to properly heat the below-grade rooms of split-level homes," says Joseph J. Fleming, a leading builder in the Wilmington, Del., area. "My buyers report complete satisfaction after a winter's occupancy and, of course, this means a lot to me and my reputation as a builder of quality homes."

Savings. "Substantial savings in installation costs are effected," Mr. Fleming continues, "by using Anaconda Panel Grids for the floor coils and by designing the dual system (see diagram) so that it is served by one circulator."

Below: Connecting Anaconda Panel Grids. Plumbing contractor Joseph Forrest, who helped design this dual system, says, "I knew we could save money with PG's for I had used them in my home."

Anaconda Panel Grids furnished by the Bell Supply Company, Wilmington, Delaware.



Top right: Typical homes in Joseph J. Fleming's "Shipley Heights" development, Wilmington, Del. **Above:** Schematic diagram of PG radiant floor panel layout, showing how dual system operates with one circulator.

Anaconda Panel Grids, PG's®, reduce costs in many ways. They are machine-formed radiant-heating coils, each containing 50 linear feet of Type L copper tube; $\frac{3}{8}$ " nom. size for ceilings, $\frac{1}{2}$ " nom. size for floors. PG's are ready to install, and by simply extending or contracting the grid by hand the center-to-center spacing can be varied to meet design requirements. Keep ahead of competition by offering radiant heating. Using PG's the installation cost is competitive with other systems.

For detailed information on Anaconda Panel Grids write for Publication C-6. Address: The American Brass Company, Waterbury 20, Conn. Buffalo Division: 70 Sayre Street. District Sales Offices: New York City, Rochester, Syracuse.

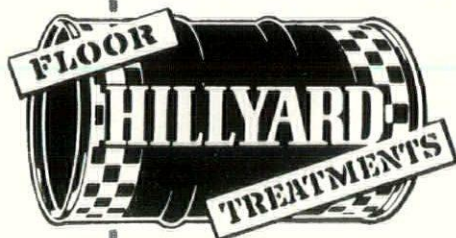
5718 ESA

ANACONDA®
COPPER TUBE PRE-FORMED
PANEL GRIDS FOR
RADIANT-PANEL HEATING

Available through distributors of Anaconda Pipe and Tube

SPECIFY PROPER FLOOR TREATMENTS

• FOR BEAUTY • FOR SAFETY • FOR CLIENT SATISFACTION



Over 90% of flooring complaints are caused, not by the floor itself, but by improper original treatment or improper maintenance after installation. You can eliminate these complaints! Just call in your Hillyard "Maintainer."

The Hillyard Maintainer in your area is a floor expert. He can advise you on this very specialized field. And he will follow up on the job to see that your instructions are carried out. He'll set up a daily maintenance program, too, to preserve the beauty and utility of the floor, assuring greatest client satisfaction.

For Architects . . .

FREE FLOOR SURVEY

compiled

for your particular floor problems.

Ask Your Maintainer

**The Hillyard Maintainer
will act as your
JOB CAPTAIN**

See list at right for the name and address of the Maintainer nearest you. For expert floor care help, give him a call. He will follow through with "Job Captain" service. He will be

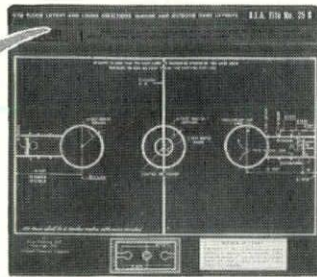
*On Your Staff—
Not Your Payroll*



Branches in Principal Cities



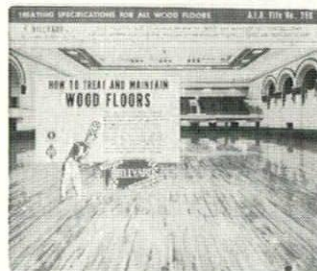
**ST. JOSEPH,
MISSOURI**
Passaic, N. J.
San Jose
Calif.



GYMNASIUMS



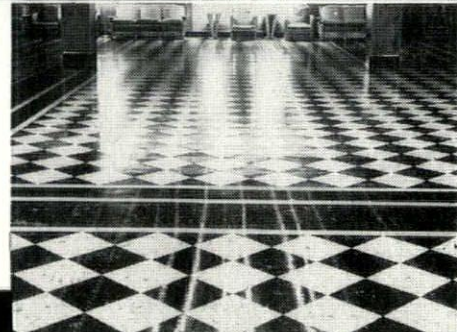
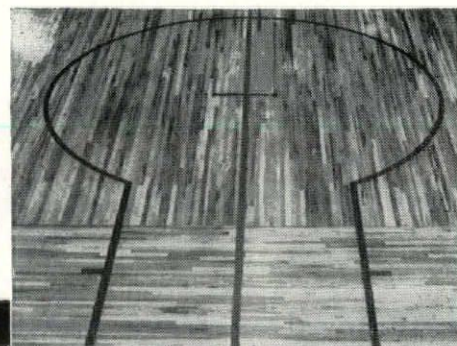
CONCRETE or TERRAZZO



WOOD FLOORS



or RESILIENT



CALL ON YOUR HILLYARD MAINTAINER

IN ALBANY—

Allan R. Ely
49 Tull Drive
Phone: Colonie UN 9-7831

IN HONEOYE FALLS—

Lewis H. Abel
Phone: 77

IN SLINGERLANDS—

W. H. Bolton
1579 New Scotland Rd.
Phone: Delmar 9764
Albany

IN SARANAC LAKE—

Thomas J. Kelly
11 Baker Street
Phone: 1709

IN LYNNBROOK, L. I.—

Russell Rose
24 Centre Ave.
Phone: LYnbrook 9-6049

IN HUNTINGTON—

Charles J. Rose, Jr.
42 Colonial Dr.
Phone: MYrtle 2-6240

IN SYRACUSE—

Jerry Grindrod
5532 S. Salina St.
Phone: HOward 9-3333

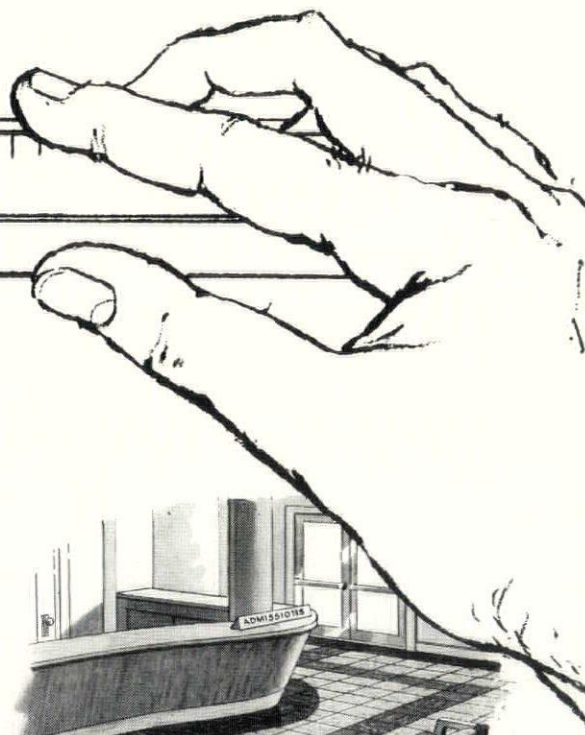
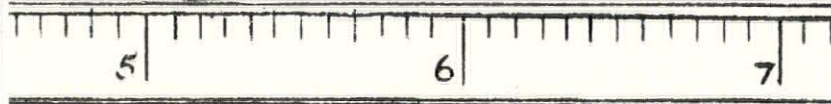
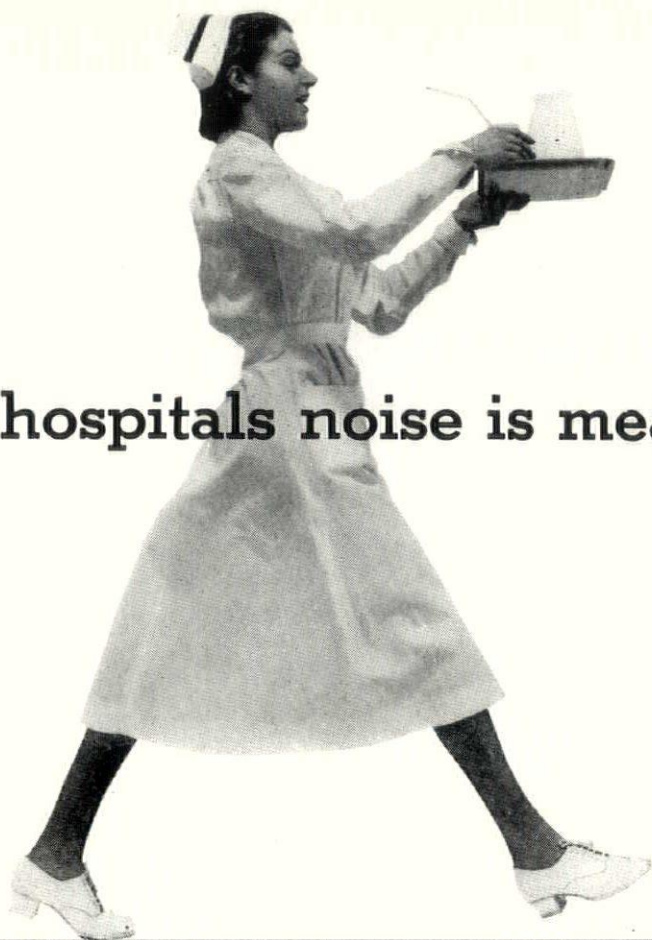
IN TARRYTOWN—

A. J. Oest and James Oest
112 Union Ave.
Phone: Medford 1-1511

IN KENMORE—

C. E. Creekmore
39 Midland Ave.
Phone: Amherst 7100

in hospitals noise is measured by the foot



... and it's only a few feet to bedlam in any busy corridor. To put the hush on traffic clatter, leading architects specify Sofstep Rubber Tile or Wearever All-Vinyl Tile for hospitals and other heavy-traffic projects. These highly resilient floors still footsteps to a whisper. . . . ease impact for day-long walking comfort. And these fine floors are outstanding, too, for lustrous beauty that years of use won't diminish. For your next project consider both of these practical, colorful floors.

Sofstep® rubber tile • Wearever® all-vinyl tile

MASTIC TILE CORPORATION OF AMERICA

Houston, Tex. • Joliet, Ill. • Long Beach, Calif. • Newburgh, N. Y.

Aristoflex • Confetti • Parquetry • Maticork • Asphalt Tile
Rubber Tile • Vinyl Tile • Cork Tile • Plastic Wall Tile

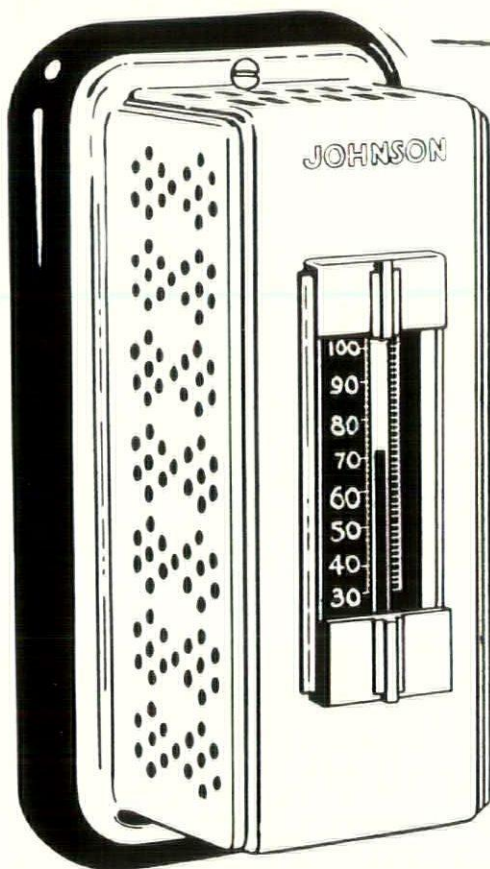


MAIL COUPON TODAY

MASTIC TILE CORP. OF AMERICA, DEPT. 19-9, BOX 986, Newburgh, New York
Please send me free samples and full details about Sofstep Rubber and Wearever All-Vinyl Tile.

7A431

Name Address City Zone State



**The Right Answer
to Any
TEMPERATURE or
HUMIDITY
Control Problem**

JOHNSON PNEUMATIC CONTROL

**Johnson Control is applied to all types of
air conditioning, heating, cooling, venti-
lating and industrial processing systems.**

Next time you have a control problem, talk it over with a specialist from the Johnson organization. His recommendations are yours without obligation. Complete sales, engineering and installation service is available through over 100 direct branch offices. Johnson Service Company, Milwaukee 1, Wisconsin.

NEW YORK OFFICES

Albany . . . 13 Warehouse Row

Rochester . . . 1241 Lyell Avenue

Buffalo . . . 1219 Main Street

Syracuse . . . 304 Seymour Street

New York City . . . 28 East 29th St.

JOHNSON CONTROL

PNEUMATIC SYSTEMS



DESIGN • MANUFACTURE • INSTALLATION • SINCE 1885

School design objectives economically
achieved with

PYROFILL*

ROOF DECKS

Integration of design among a group of decentralized class-room units was the objective here. It was economically accomplished with the help of PYROFILL incombustible gypsum, especially adaptable to the continuous, unifying roof design. PYROFILL was poured in place at low cost over permanent formboards with valuable insulating properties. PYROFILL also offers these other advantages:

FAST INSTALLATION—a single crew can pour up to 30,000 sq. ft. per day, ready for roof covering. PYROFILL sets within an hour to carry normal construction loads.

INCOMBUSTIBILITY—made of fireproof gypsum concrete; often permits savings of 30% or more on insurance.

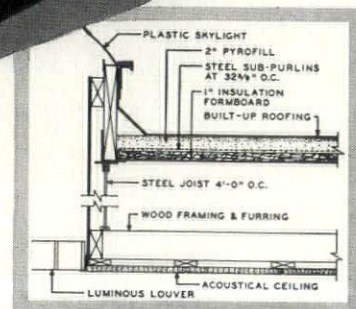
LIGHTWEIGHT—only 10 to 12 lbs. per sq. ft. Permits important savings in structural steel and footings.

STRENGTH, DURABILITY—has a safety factor of 10 or more under normal roof loads. Decks erected over 30 years ago still give excellent service.

STRUCTURAL RIGIDITY—bulb tee sections reinforce the gypsum concrete slab and, along with gypsum, provide lateral stiffening of structural steel framing.

For further information refer to Sweet's Catalog, Section 26 08, or contact your U.S.G. Architects' Service Representative, or write Dept. ES4-2, 300 W. Adams St., Chicago 6, Ill. *T. M. Reg. U. S. Pat. Off.

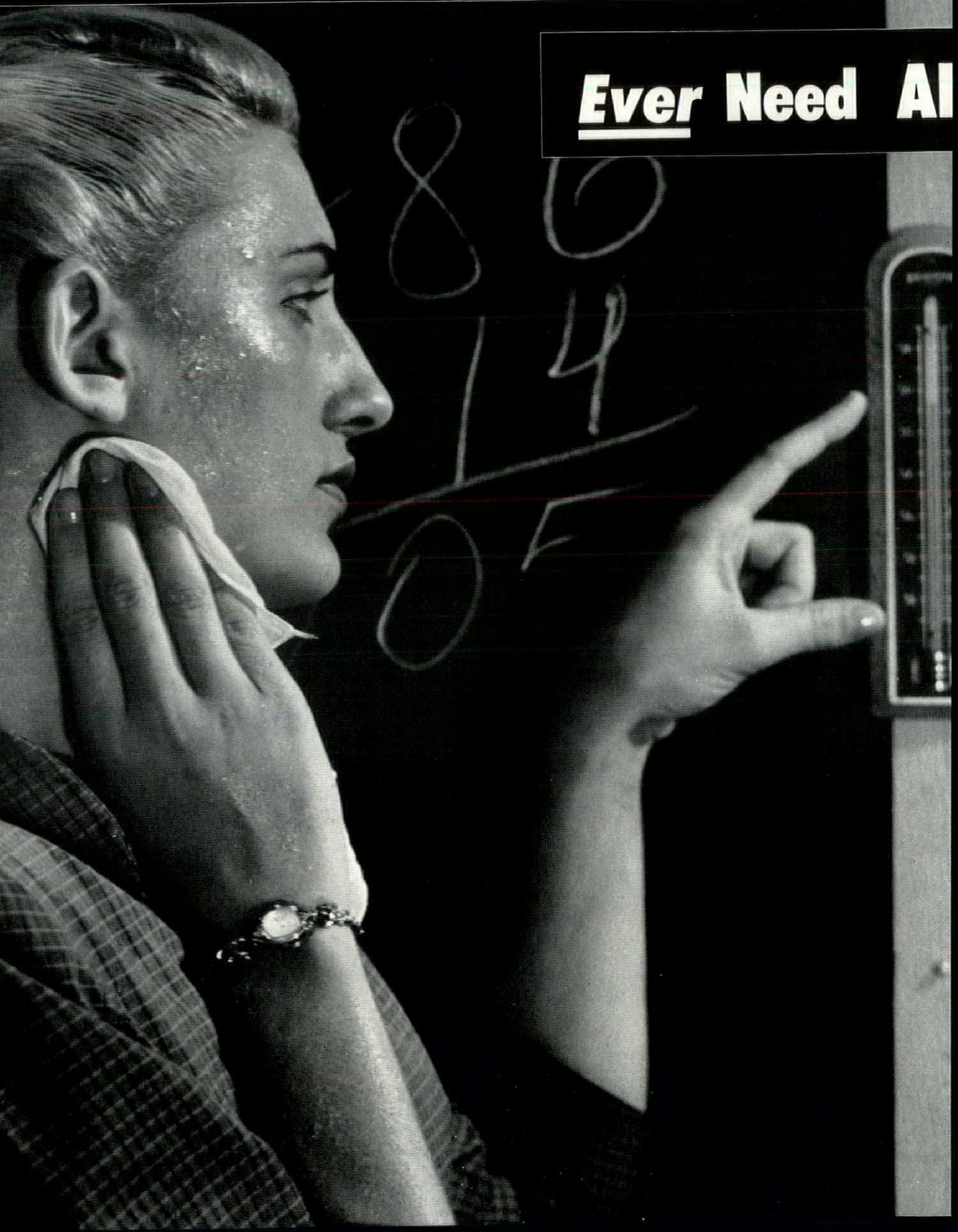
PYROFILL
roof decks
fear no fire



UNITED STATES GYPSUM
the greatest name in building

Will The School You Are Planning

Ever Need All





CONDITIONING?

Plan with the new HerNel-Cool II INSTALL IT *NOW*—AIR CONDITION *LATER*

Nearly every school would benefit from air conditioning *now*—as have offices, theaters, hospitals and homes. Unfortunately, the money to provide it isn't always in the current school budget. The HerNel-Cool II year 'round unit ventilator solves that problem.

These units can be installed now so that the school enjoys all the usual benefits of the famous Herman Nelson DRAFT|STOP system—heating, ventilating, natural cooling (with outside air), and control of window drafts. Only the addition of a chiller in the boiler room is needed for complete hot weather air conditioning.

It can be provided initially or at any future time. When it is wanted, air conditioning can be secured without disruption . . . and without expensive alteration and installation charges.

HOW THE SYSTEM WORKS

HerNel-Cool II units provide individual temperature control for each room, automatically. Most of the year they provide heat, ventilation, or natural cooling (with outside air) as the room requires. When a chiller is installed in the boiler room, HerNel-Cool II units also function as air conditioners.

In hot weather, the units switch automatically to mechanical cooling, with chilled water circulating in the same piping that carries hot water during cold weather. The cost is far less than separate heating and air conditioning systems—both for installation and operation.

Would you like more information? Just write to the Herman Nelson representative nearest you. New York State representatives are listed at the bottom of this page.



herman nelson

AMERICAN AIR FILTER COMPANY, INC.
UNIT VENTILATOR PRODUCTS
System of Classroom Cooling, Heating and Ventilating

NEW YORK STATE REPRESENTATIVES

ALBANY—

Albert L. Becker, 434 Clinton Avenue

BUFFALO 2—

Weber, Loes, Weber Associates, Inc., No. 7 Upper Terrace

SYRACUSE 2—

American Air Filter Company, Inc., 529 State Tower Building

NEW YORK 17—

American Air Filter Company, Inc., 70 East 45th Street

ROCHESTER 4—

Howard J. Henderson, Jr., 950 Sibley Tower Building

RIGID-*tex* METAL

The original textured
metal with the greatest
selection of patterns

Presents
an entirely NEW
Pattern
NO. 1-RL

Pattern as rolled
(prime side).
Beauty without
monotony.

Prime side
painted and
hi-lited.
More
beautiful
than
original
pattern.

Non-prime side
painted and
hi-lited, producing
a new effect—
more lights
and shadows—
kaleido-
scopic.

1 Pattern . . . 3 Faces

4032 reflective levels per square foot produce an ever changing array of lights and shadows. It borrows color from its surroundings—projects order, balance, repose, along with its brilliance. Available in widths to 52". Equally suitable for exterior and interior use. Write for complete information and samples.



RIGIDIZED METALS
CORPORATION

6709 Ohio Street • Buffalo 3, N. Y.
World Wide Distribution

AMONG THE CONSTITUENTS

By

WARREN L. HENDERSON

327 Englewood Ave.

Syracuse, N. Y.

(Correspondents, please note the change of address)

A WESTCHESTER VIEW OF THE NATIONAL

Five members of the Westchester Chapter, with their wives, arrived at the annual convention of the American Institute of Architects in Washington, D. C.

These delegates were: Bob Chisholm of Scarsdale, Russell Kilburn of Chappaqua, Kenneth Stowell of Bronxville, Gerson Hirsch of Pleasantville, Fred Sutton of Yonkers, and Laurence M. Loeb, editor of the "Blueprint."

There were many speeches, as per the program mailed to all members. Generally those by non-architects, deplored the lack of space and luxury in housing for the multitude for which they held all architects responsible. The big architects making speeches deplored the lack of this accomplishment by house and project architects. No house or project architect made a public speech but in private they deplored the speculative home builder who would not or could not pay any architect what it takes to do a decent job, and the home builder, also in private, deplored the high cost of labor and material and the small amount the occupants could pay for the space produced.

A bright and shining exception to these deplorable talks was one by Bennett Cerf. He thought all architects and architecture were just wonderful and their buildings were getting better and better every day. Although he spoke at an early hour of the morning, he pulled the biggest crowd of this convention and no one left until he finished, which was not the case with many of the other speakers. He told some very funny stories which were new to most of the audience. Everyone felt much better for having listened to him, and somehow architecture did not seem to be going to the dogs any more.

A discussion entitled "The New World of Economics," which developed into a debate between Walter Reuther and "Economist" Dr. E. P. Schmidt of the U. S. Chamber of Commerce, was illuminating. If a character speaking like Dr. Schmidt was in a Broadway play, everyone would say that his lines were greatly exaggerated and quite impossible to be spoken today by an educated person. Believe it or not, he advocated the ownership of all main roads by "private industry." He said that if this were accomplished "private industry" would have long ago eliminated bumper to bumper driving.

Walter Reuther was by no manner of means a wild-eyed radical some would have us believe. What he advocated seemed desirable, even to Republican voters from Republican Westchester. He described some new equipment in the Ford Plant which in eight minutes performed an operation which took 14 hours years ago when he worked there. When one of the officials asked him what he thought of it, he said it was wonderful. The official then reminded him that the machine

would not pay many dues into his union. Reuther's answer was that that wasn't the real problem. The real problem was how many Fords would the machine buy.

The business of the convention was railroaded through during two short meetings for this purpose. Mr. Lescaze objected to the lack of opportunity for more discussion on the questions and was much applauded for his stand by the younger members present, but it got him nowhere.

The entertainment arranged by the host chapter was greatly enjoyed. The ladies reported having had a very good time. An important event for the ladies was a luncheon in honor of Mrs. Nixon and cabinet wives at which was featured a fashion show of native costumes of foreign countries and dresses worn by wives of the Presidents of the United States. The Potomac Valley Architects' comments on the preparation for this event is interesting:

"REDUCING HINT—BE THE WIFE OF A PRESIDENT"

Our wives, at a Convention fashion show, will model some of the dresses worn by the wives of Presidents of the United States of long ago are finding they are slightly more plump in the right places than were these ladies of history. At the time of this writing, none of our brides on the committee has comfortably made it into the gowns of Martha Washington, Martha Jefferson and Dolly Madison. It is believed tighter girdles and shoe horns will do the trick. The show must go on!

There were, besides the programmed events, organization parties such as the Architectural Forum Supper, "Scrapple Society" breakfast, and Cocktail Party as guests of National Home Builder's Association at their beautiful new headquarters building.

NEW YORK CHAPTER

CHAPTER ACTIVITIES 1956-57

This year's activities were highlighted by the Chapter's active support of and participation in the Centennial celebration. A special Committee was formed for the Centennial Observance representing all five New York City Chapters and chairmanned by Daniel Schwartzman.

Initiating the program was a luncheon, held on February 23rd at the Sub-Treasury Building for the purpose of dedicating a bronze plaque designed by McKim, Mead & White marking the site, at 111 Broadway, of the founding of the American Institute of Architects. The luncheon celebration included the first day of issue of the 100th Anniversary Commemorative postage stamp.

On April 25th a dinner was held at Delmonico's Restaurant, where the 13 original members celebrated the founding of the Institute. The dinner was over-subscribed by New York Chapter members who heard a succinct and provocative address by August Herkscher, President of the 20th Century Fund Inc. Mr. Herkscher challenged the contemporary architect to "capture a quality of space in which

modern man instinctively feels at home." He urged that "we gain touch anew with the people whose interpreter and servant (we) are—with the American land, with the forces of change that run across the continent and are making us over in ways we only dimly comprehend."

Additional centennial year activities are scheduled for the fall by the local chapters of Columbia, Cooper Union and Pratt, to include student exhibits, a buffet supper and symposium on aspects of our architectural heritage.

Perhaps inspired by the Centennial Observances, the Committee on Historic Buildings has this year neared completion of the recording of all historical buildings in Manhattan including those counties under the jurisdiction of the New York Chapter. The Committee reports that the preservation of historic buildings is a continuing problem as a result of not only complete demolition but also the inconsidered and disfiguring alterations that are often the harbingers of "progress."

Apart from the centennial and historical activities, the New York Chapter celebrated a number of special honors and awards highlighted by the presentation on March 8th of the Medal of Honor to Arthur C. Holden. The citation read in part: "You have devoted your talents to the advancement of your profession, to the betterment of our cities and to achievement through architecture of a high aesthetic purpose." Honorary Associate Membership in the Chapter was conferred upon Charles McKim Norton, Executive Vice President of the Regional Plan Association, in recognition of the widening architectural opportunities stimulated by his activities in regional planning. The Chapter's honor roll was further added to by the advancement to Fellowship of Barnett Sumner Gruzen and Benjamin Lane Smith.

A "surprise" testimonial dinner sponsored by the New York Chapter, A.I.A., the Architectural League and the National Institute for Architectural Education, attended by 118 members and guests, was held on May 3, in honor of Julian Clarence Levi. The New York Chapter's citation recorded "its respect, its gratitude and its affection" for Mr. Levi "whose sincerity and integrity . . . and whose extraordinary services to his profession exemplify his underlying love for his fellowman."

The 1957 Brunner Scholarship of \$2,400 (plus an additional grant of \$2,400) was awarded to Messrs. Samuel Ratensky and Richard W. Snibbe for their project, "A Critical Analysis of Large-Scale Urban Housing in Relation to the Urban Pattern." This subject consisting of a study and report that will be carried out both in this country and in Europe, was considered the one most valuable to the profession at large of the twelve new submissions. The proponents' ability to grapple with this subject was well demonstrated in their application. A grant of \$2,400 from the Brunner Capital Bequest Fund was given to Caleb Hornbostel, the 1956 Brunner Scholar, who reapplied this year, in recognition of his progress during the past year on his work, "A Materials Handbook for the Architect."

The public relations benefit in the bestowing of such honors and awards is only in direct proportion to their general circulation among the public. In this regard the Public Relations Committee has been actively exploring whether the New York Chapters should employ a public relations counsel. It was agreed that such a move

(Continued on Page 28.)



THE SUCCESSFUL WAY to plan new buildings

...or
fix
old
ones...

Use Davidson
Panels on—or over
architecture of
any style. Sup-
plied to fit—saves
design time—saves
construction costs.



Davidson Panels simplified construction on this new multi-story building.



A "new" building for Jacobson's — achieved with Davidson Facing Panels.



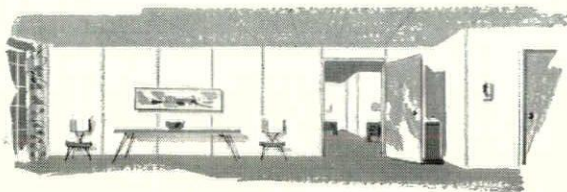
Consult the Davidson Architectural Porcelain distributor in your area, (listed below). He offers skilled engineering and erection service, plus assistance on any application.

F. P. ARNOLD CORP.
1703 E. Fayette St.
SYRACUSE 10, N. Y.

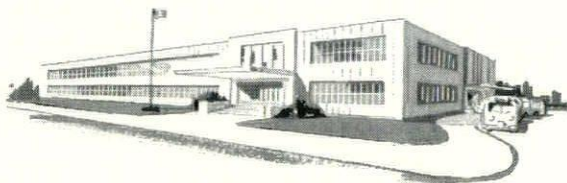
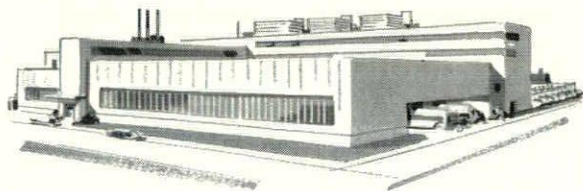
ASBESTONE PANELS... versatile curtain walls that insulate too !

Gold Bond ASBESTONE PANELS bring to the building industry one of the simplest, most economical curtain wall methods ever introduced. In addition to easy handling, ASBESTONE PANELS provide the durability and permanency of ageless stone.

ASBESTONE PANELS are made of 2 Asbestos-Cement sheets, laminated to both sides of an asphalt-impregnated, chemically-treated insulation core. This process provides the added advantages of resistance to weather, moisture and fire, plus built-in insulation. Four feet wide, ASBESTONE PANELS are available in 6', 7', 8', 9', 10' and 12' lengths in four thicknesses. There's a size for every building recommendation.



MOVABLE OFFICE WALLS



EXTERIOR CURTAIN WALLS

Whether you're planning panelized curtain walls for factories, schools, hospitals; for inside or outside use; Gold Bond ASBESTONE PANELS offer you maximum flexibility, strength and economy.

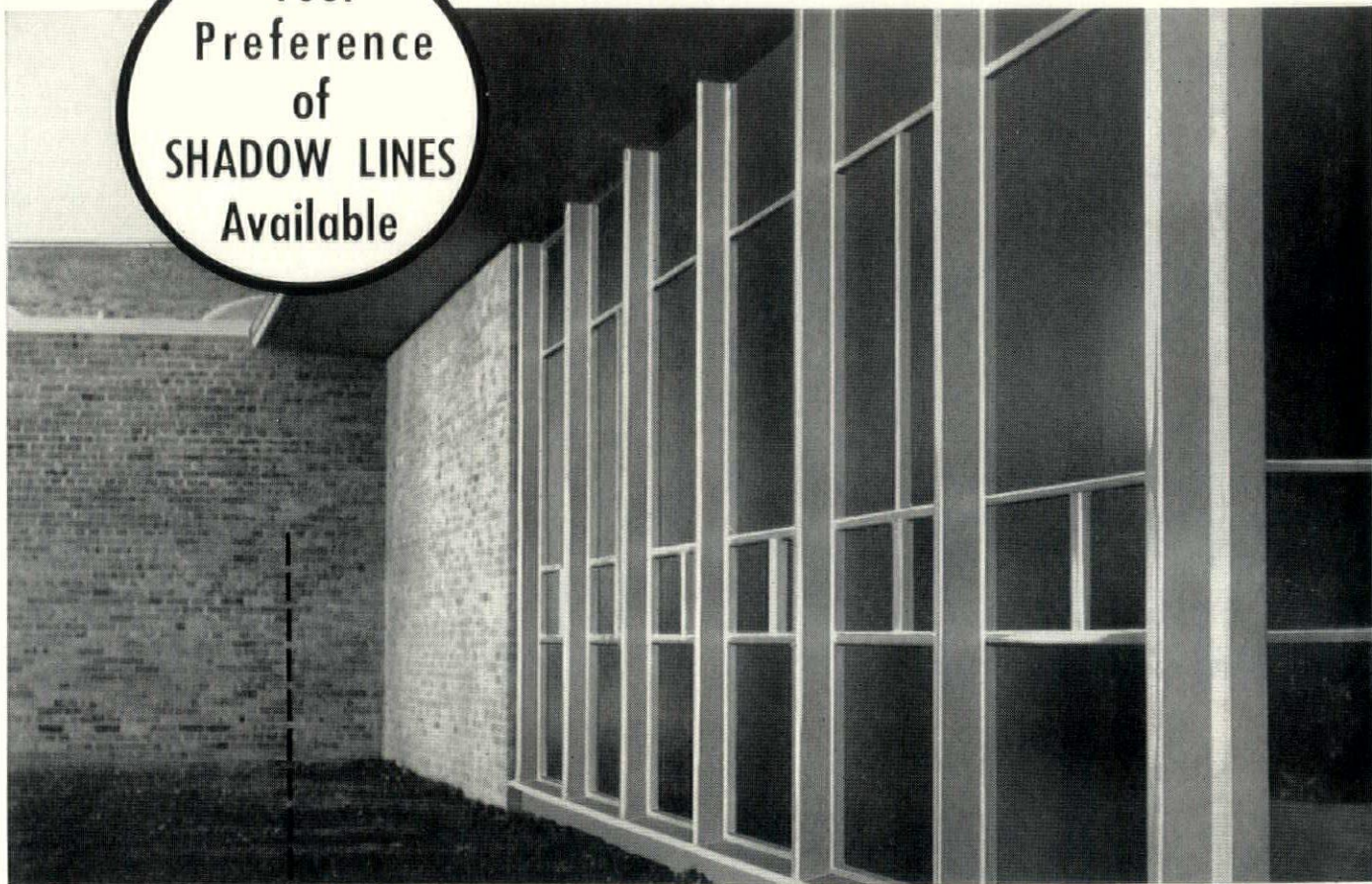
There's complete information on Gold Bond® ASBESTONE PANELS in our new manual. For your copy, write to National Gypsum Company, Dept. ES-957, Buffalo 2, New York.

ASBESTONE PANELS

NATIONAL GYPSUM COMPANY

Gold Bond
BUILDING PRODUCTS

Your
Preference
of
SHADOW LINES
Available

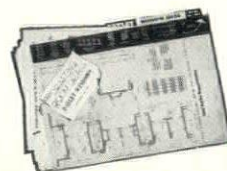


BAYLEY

WINDOW-WALLS and CURTAIN-WALLS

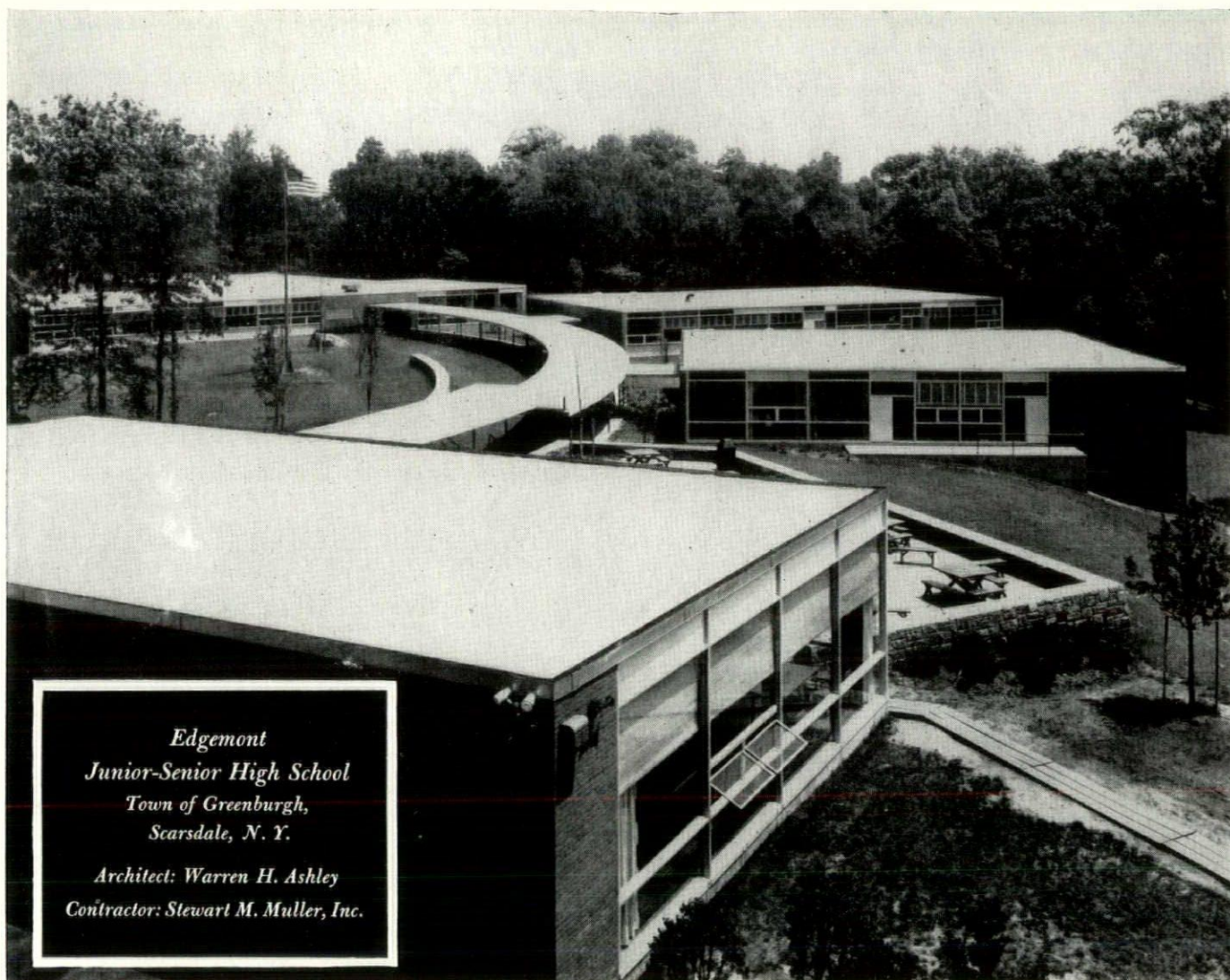
Bayley's exclusive mullion design offers you a wide range of shadow-line effects without special window or curtain-wall designing. This is but one of the many Bayley features that enables Bayley Engineers to be of special service to you, if called for consultation in the early stages of a project. Rendering complete window engineering service — with reliable "follow-through", even to actual installation — Bayley can help you save your time, as well as assist you to achieve your individualized design with maximum economy on overall window or curtain-wall costs. Write or call your local Bayley Representative.

Write for this special Designers' Idea File on Curtain-Wall designs. Bayley's system is winning favor everywhere.



The WILLIAM BAYLEY Co.
Springfield, Ohio

District Sales Offices: Springfield • Chicago • New York • Washington



*Edgemont
Junior-Senior High School
Town of Greenburgh,
Scarsdale, N. Y.*

*Architect: Warren H. Ashley
Contractor: Stewart M. Muller, Inc.*

HOPE'S WINDOW WALLS HELP WIN ARCHITECTURAL DISTINCTION

Conceiving this High School as a group of special purpose buildings on a campus site of natural beauty, the architect used modern construction with Hope's Window Walls to obtain many extra benefits:

1. A novel and beautiful outdoors-indoors relationship with extra value for the social and educational aims of the school;
2. Building units located to serve the educational plan and improve communications without congested corridors;
3. Such units as gymnasium and auditorium available for community use at different hours without heating or lighting the whole plant;
4. Shops and music rooms separated from study and recreation halls;
5. Room and facility for expansion without strain;
6. Lower first cost than for a single multi-story building;
7. Low maintenance and upkeep charges.

This school is one of six buildings chosen by the American Institute of Architects for the highest honors in its ninth annual competition. In all its buildings Hope's Window Wall Units are constructed of Hope's Pressed Steel Sub-frames with Hope's Heavy Intermediate Ventilators. Stationary glazing and porcelain enameled insulated panels are inserted as required by the design.

Hope's engineering and layout assistance is always available to you when you have in mind a building with an interesting window problem. Write for catalog 152-ES for your files.

HOPE'S WINDOWS, INC., *Jamestown, N. Y.*

THE FINEST BUILDINGS THROUGHOUT THE WORLD ARE FITTED WITH HOPE'S WINDOWS

HANLEY

BRICK

A dynamic new silhouette on Toronto's skyline is the Anglo-Canada Fire and Insurance Company office—a building whose drama stems from the interplay of colors and textures.

The solid shaft of green Hanley Duramic Brick No. 718 balances and complements the glass-and-steel column and contrasts with the plane of black Hanley Duramic Brick No. 702, laid in a fretwork design. Another blending component of this spectacular building is the neutral expanse of that long-time favorite, Hanley buff face brick.

Brick—one of man's oldest building materials, yet compatible with all other elements—again proves itself timeless in feeling, beauty, strength.



HANLEY COMPANY INCORPORATED

PITTSBURGH: One Gateway Center • **NEW YORK:** 101 Park Avenue

DETROIT: 14976 Schaefer Highway • **BUFFALO:** 625 Delaware Ave.

Hanley Duramic No. 718

Hanley Buff Face Brick No. S-32

Hanley Duramic No. 702

Artist's Conception of

Anglo-Canada Office Building Toronto, Canada

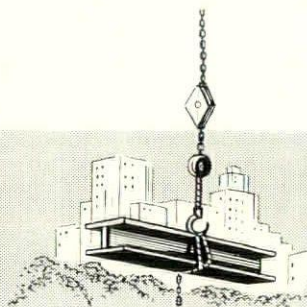
Architect: James A. Murray





GROWING UP RIGHTWITH STEEL!

Steel construction guarantees a solid inheritance for the youth of America . . . For lasting strength and safety be sure your plans specify steel . . . Call in Leach engineers for an estimate on your new construction. Leach can furnish light and heavy steel; in many cases can provide materials for fabrication from warehouse stocks.



80 STEEL STREET

LEACH STEEL

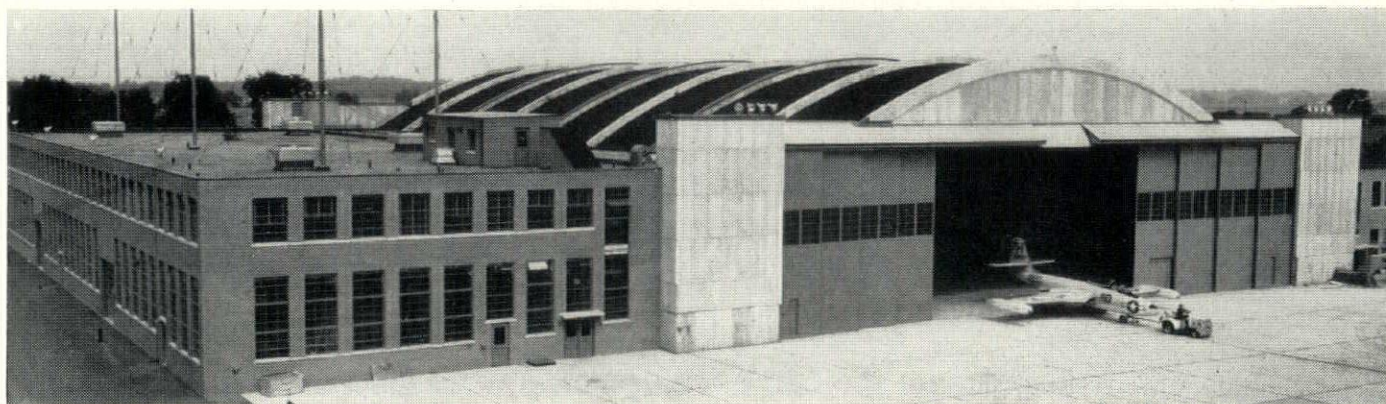
C O R P O R A T I O N

ROCHESTER 6, NEW YORK

Glenwood 3-0152

NEW NAVAL AIR STATION HANGAR

CANNON, THIELE, BETZ AND CANNON, *Architects*,
Niagara Falls
THOMAS MCKAIG, *Architect and Engineer*, Buffalo



Designed to meet all the needs of classroom training, on-the-job training maintenance of aircraft and administrative functions is the boast of the Niagara Falls Naval Air Stations' new \$1½ million dollar hangar.

More than 1,000 area Navy and Marine "Weekend Warrior" members will benefit from the up-to-date training facilities offered by the new hangar. The structure is practically a complete Naval Air Station under one roof and is classified as the largest military hangar in the Western New York area.

Occupying half-an-acre, the all-concrete hangar houses 15 spacious, well lighted classrooms with adjoining shops, office spaces and storage areas. The building measures 240 feet in length with a 150-foot arch span roof.

Outstanding features include radiant heating throughout the hangar structure. Office spaces will be heated by a combination of radiation, steam and forced air. Electrically-operated steel doors will insure quick passage of aircraft whether for maintenance checks or answering an alert call.

Office and classroom spaces are located in the hangars' adjoining brick lean-to. Projection rooms and conference rooms large enough to seat entire squadrons will also aid in training Naval Air Reservists.

Complete medical and dental facilities take up the entire east section of the hangar's south lean-to. Spaces have been planned to care for emergency first aid cases in addition to normal, routine physical and dental checks required of Reservists.

THE ABILITY TO USE YOUR TALENT

Your most important asset!

The New York State Architects Association recommends the Group Accident and Health Insurance Plan underwritten by the Continental Casualty Company, Chicago, Illinois, which offers among other things, hospitalization benefits, miscellaneous hospital expenses and surgical benefits.

All active members and their key employees are eligible to apply for this plan, subject to approval by the Continental Casualty Company.

Protect yourself so that if you are disabled by either accident or sickness you will receive benefits during the time you are unable to utilize your talents.

Contact Your Administrators Today...

TER BUSH & POWELL, INC.

148 Clinton Street
Schenectady, N. Y.

342 Madison Avenue
New York 17, N. Y.

905 Walbridge Building
Buffalo 2, N. Y.

AMONG THE CONSTITUENTS

(Continued)

would be recommended to the Executive Committee together with two choices of firm and also a method for collecting the first year's costs without the necessity of raising the dues. Cheers!!

This year's Committee on Visitors was actively engaged in welcoming a number of distinguished architects from abroad including 50 French architects touring the U. S. as delegates of L'Aluminium Francais. Other individuals receiving the New York Chapter welcome included Professor Werner Heberbrand, Architect of the city of Hamburg, Germany; Monsieur Jean Manoury, architect in charge of Chartres Cathedral; Sir Maxwell Fry, F.R.I.B.A., and Messrs. Kenneth Cross and C. D. Spagg, President and Secretary, respectively, of R.I.B.A.

On a less international scale there were a number of exciting and memorable meetings and seminars which happily pointed up the ever-increasing participation by the New York Chapter membership. Twenty-six such meetings were held throughout the year between September and May highlighted by the 90th Anniversary Supper Dance held in the Metropolitan Club on March 8th. The Technical Committee sponsored 5 meetings of which two were highly successful dinner meetings with over 100 members and their guests in attendance.

With an interest in our physical well-being the Hospital and Health Committee carried on four distinct lines of activity with a separate sub-committee responsible for each. These included a series of eight lecture meetings each devoted to a department or function of the general

hospital, augmented by actual visits and hospital tours scheduled on four separate Saturdays. Two round table discussions were held with attendance by invitation only for those specializing in hospital design. Basic groundwork was also laid for research projects which it is hoped will become active next year.

The Membership Committee has this past year concentrated its efforts toward obtaining members from that group of practicing architectural people presently employed by the firms here in the city. Two receptions and dinner parties were held in February and April for prospective members. This year also saw an increase in student members at Columbia and Cooper Union from a previous 37 to a record 145. Thirty-nine applicants for Corporate membership and 47 applicants for Associateships in the New York Chapter were interviewed by the Admissions Committee.

It is recorded with regret that the following fourteen members have died during the past year: Grosvenor Atterbury, Archibald M. Brown, Cameron Clark, Edwin H. Denby, Clarence E. Dobbin, Lafayette A. Goldstone, Raphael Hume, Francis George Morse, Oscar H. Murray, Hubert E. Reeves, Greville Rickard, Ben John Small, Ernest A. Van Vleck and Lawrence Grant White.

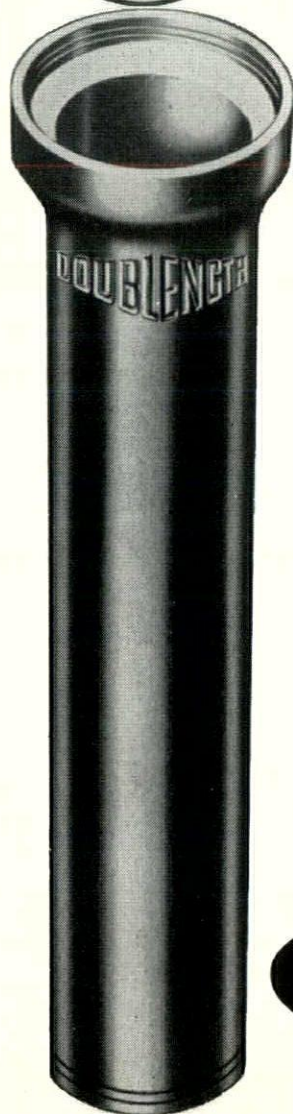
THE CHAPTER'S INFLUENCE

In addition to running its own affairs the Chapter has participated in many external activities, so that its influence extends well beyond Manhattan Island. The Institute, for example, is making use of Chapter members' capabilities to an extent which may not be realized. Edgar Williams, FAIA, was Chancellor of the College of Fellows. In accordance with custom, the New York Regional Director is this term a "downstater," our own Matt Del Gaudio; the respect in which the Institute's Board of Directors holds him is evidence of both his personal strength and the Chapter's importance. The Chapter has had two members on the Institute's Hospital and Health Committee (Kiff, Chairman; Alonzo W. Clark, III). Charles S. Haines, II has been Chairman of the Nuclear Facilities Committee. Three Chapter members served on the special "task force" Committee on Package Dealers, whose report created excitement at the recent Washington Convention (Gruzen, Lopez, Kiff). Although he is not a member of the Committee on School Buildings, the editor, Frank G. Lopez, meets with this dedicated group regularly. Matt Del Gaudio has been a member of no less than five committees; Nate Kiff served on three; John C. B. Moore, Lessing Williams and Harold Sleeper each served on two (Williams is co-chairman, Committee on the Institute and the Producer's Council). Leo Arnaud, Elizabeth Coit, Dan Schwartzman, Francis Keally, Edgar Williams, Jeffrey Ellis Aronin and James Newman served on other Institute committees. In all, 25 Chapter members worked on 19 different Institute committees this year.

Your officers and elected committee chairman, who together with the appointed committee chairmen, submit this report, are gratified that the Nominating Committee has seen fit to renominate them unanimously for another year's service.—At the Annual Meeting, June 5th they were elected to the following offices:

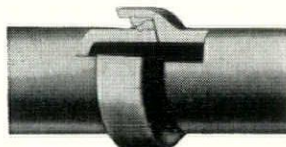
Officers:

(Continued on Page 73)



EVANS DOUBLE LENGTH CLAY PIPE KEEPS INSTALLATION COSTS DOWN

With today's higher labor costs, the cost of installing a sewerage line can actually dwarf the cost of the materials themselves. That's why it always pays to insist on Evans Double Length Clay Pipe. Because it's longer—up to twice as long as ordinary Clay Pipe—it requires less handling, fewer joints. You get the benefit of lower installation costs, *plus* all the advantages of never-wear-out Vitrified Clay Pipe.



Wedge-Lock® PRECISION JOINTS

... eliminate mortaring, collaring, and pouring operations. Joints are simply painted with Wedge-Lock Adhesive and shoved home. Wedge-Lock factory-made plastic joints are root and infiltration resistant; provide a tighter more flexible line.

* Pat. Pending. T.M. Reg. App. For.



TEBCO FACE BRICK

Is available in 3 textures and 16 colors for distinctive, long-lasting building exteriors. Write for portfolio of full-color literature.



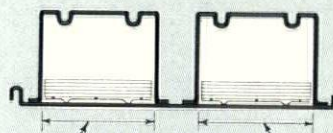
GENERAL OFFICES, UHRICHVILLE, OHIO TELEPHONE 700

FAMOUS FOR FIFTY YEARS OF FASTER, FRIENDLIER SERVICE

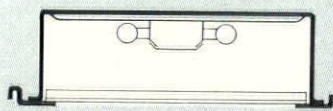
LONG SPAN M-DECKS



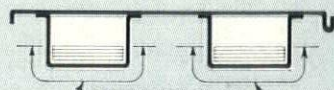
MAHON ACOUSTI-STRUCTURAL LONG SPAN M-DECK SECTIONS



SECTION M2SR (Acoustical)

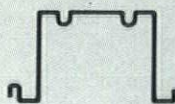


SECTION M1ST (Troffer)



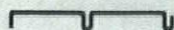
SECTION M2 (Acoustical)

MAHON LONG SPAN OPEN BEAM M-DECK



SECTION M1-OB

MAHON STEEL DECK



STANDARD DOUBLE RIB



WIDE-FLANGE DOUBLE RIB

M-DECKS Expand Structural Roof's Function to Include Finished Ceiling Material, Acoustical Treatment, and Recessed Lighting!

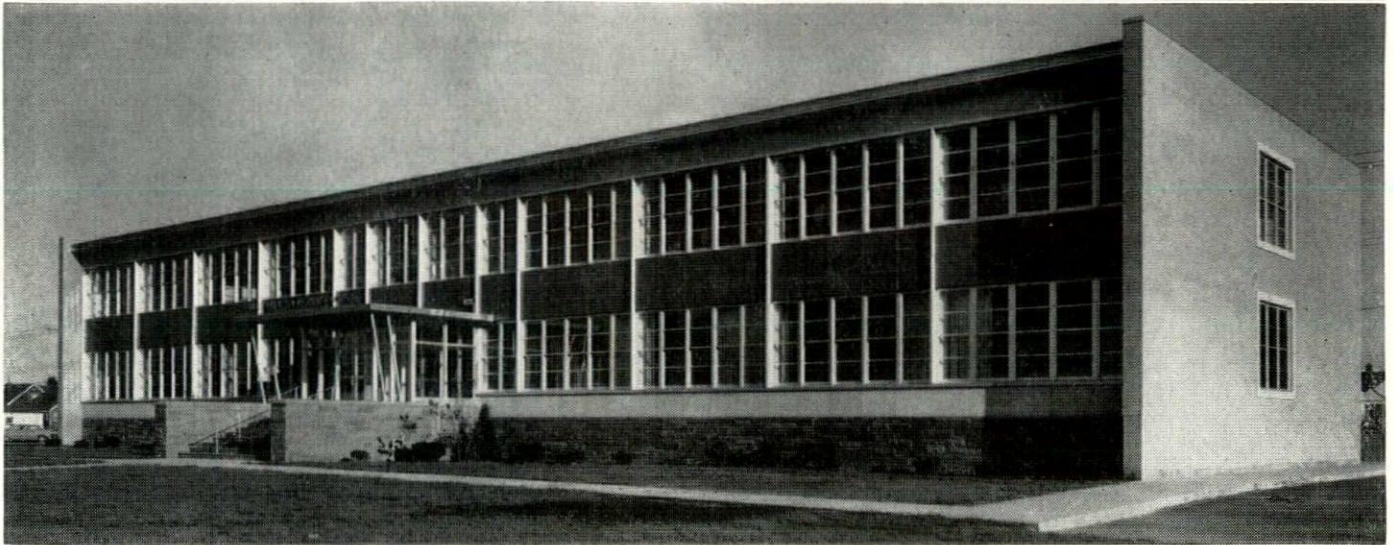
In auditoriums, armories, sports arenas, field houses, churches, or any other type of building where exposed truss or rigid frame construction is employed, Mahon Cellular Steel M-Decks provide the structural roof and ceiling combined . . . the structural M-Deck Sections span from wall-to-wall or from truss-to-truss. This eliminates the cluttered effect of roof purlines and produces a neat, continuous, flat metal ceiling surface—all of which can be acoustically treated. If recessed lighting is desired, Mahon Troffer Sections can be included in this type of roof-ceiling construction in any ratio to meet specific lighting requirements. Mahon Long Span M-Deck Sections and Mahon Troffer Sections are roll-formed from galvanized, structural quality steel . . . they are permanent, cellular structural units which also provide an indestructible ceiling. Exposed metal surfaces which form the ceiling can be readily painted to match or harmonize with any interior decor. All Mahon Cellular Long Span M-Deck Sections can be furnished with bottom metal perforated and sound absorbing material inserted to provide a highly effective acoustical ceiling . . . Noise Reduction Coefficients range up to .85 in Sections recommended for this use. Some of the newer Mahon Sections do not appear in the current Sweet's File. Why not have a Mahon sales engineer call and bring you up to date on new Mahon Sections now available for Floor, Roof, and Combined Roof-Ceiling Construction.

THE R. C. MAHON COMPANY • Detroit 34, Michigan
Sales-Engineering Offices in Detroit, New York and Chicago • Representatives in Principal Cities

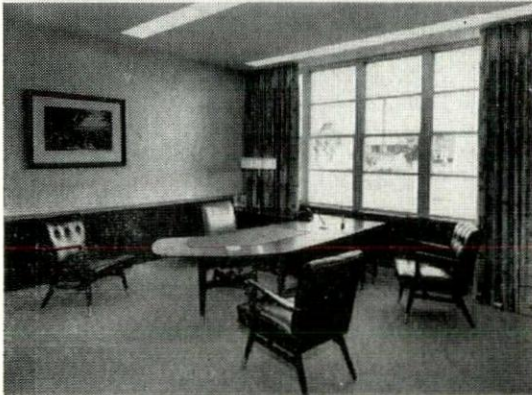
Manufacturers of Steel Roof Deck and Long Span M-Decks; Acoustical and Troffer Forms; Electrified Cellular Steel M-Floors; Insulated Metal Curtain Walls; Underwriters' Rated Metalclad Fire Walls; Rolling Steel Doors, Grilles and Underwriters' Labeled Automatic Rolling Steel Fire Doors and Fire Shutters.

MAHON

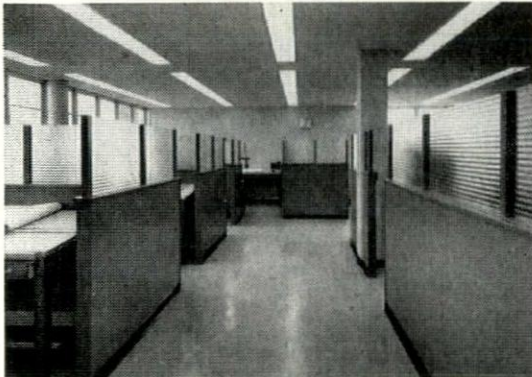
OUR NEW HOME



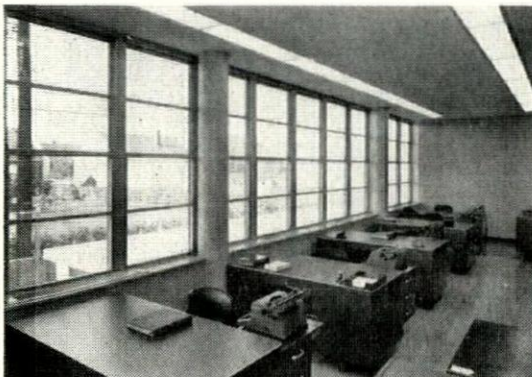
Front Elevation New Office Building



Treasurer's Office



Northeast Section of Engineering Department



Stenographic Room

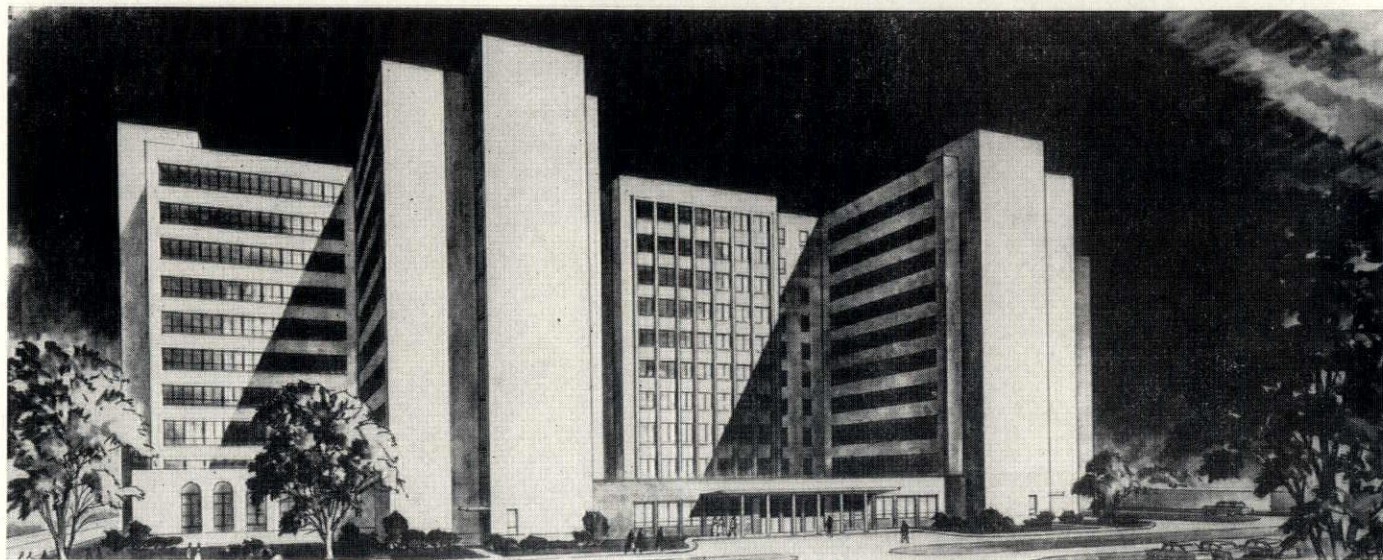
Efficiency is the keynote of this new office building at 1945 Sheridan Drive and it is evident at first glance. The functional design is carried out in reinforced concrete with exterior masonry of stone, terra cotta, and brick.

Inside the air conditioned office spaces are flooded with natural light from the big aluminum windows. Recessed ceiling fixtures have the wattage to turn night into day when the occasion demands.

Each floor provides an area of 8,000 square feet with the first floor presently occupied by the Cowper Company offices. Upstairs, with 7,000 square feet of usable space, there is a private lobby with access from the main entrance. A full basement provides ample storage space for all occupants.

THE JOHN W. COWPER COMPANY
INCORPORATED
ENGINEERS-CONTRACTORS
POST OFFICE BOX 3043
BUFFALO 5, NEW YORK

"HAYDITE" LIGHTWEIGHT AGGREGATE MAKING SAVINGS ON BRIDGEPORT, CONNECTICUT HOSPITAL BUILDING



Architect's sketch shows how the ten story Bridgeport Hospital Building will look when completed sometime in 1958. The first unit now up is partly four and partly six stories high. Architect: Office of Charles Wellington Walker, F.A.I.A.; Structural Engineer: John Cassidy; Mechanical Engineers: Hill & Harrigan; General Contractors: E & F Construction Company.

A total of 164,632 square feet of the upper floors of the four and six story sections of this job now completed were constructed of lightweight concrete, made with "HAYDITE," the lightweight aggregate.

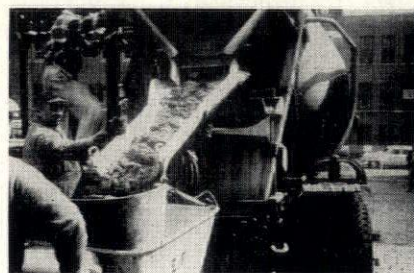
Why "HAYDITE"?

"HAYDITE" lightness decreased deadloads—saved on size of footings, saved on size of supporting columns, saved on steel cost.

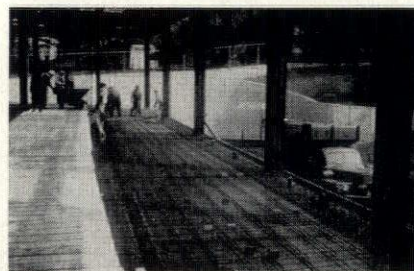
"HAYDITE" fireproof qualities assured a three hour underwriters rating, a real advantage in hospital construction.



It pays to specify concrete made with "HAYDITE" lightweight aggregate. Write today for FREE DATA HANDBOOK.



EASY TO HANDLE! That's the word for concrete made with "HAYDITE" lightweight aggregate shown here ready to wheel into the Bridgeport Hospital job.



READY TO POUR concrete made with "HAYDITE" lightweight aggregate on an upper floor of the Bridgeport Hospital job.

ONONDAGA BRICK CORP.

Manufacturers of HAYDITE, the lightweight expanded shale aggregate used in building units—lintels and joists—roof and floor slabs—reinforced concrete pre-stressed members.

WARNERS, NEW YORK

Phone: CAMILLUS, N. Y., ORange 2-7321

• • • • •
ARCHITECTS: Write for free DATA HANDBOOK. All the information you need about concrete products made with expanded shale aggregate.

OFFICERS AND DIRECTORS

1957

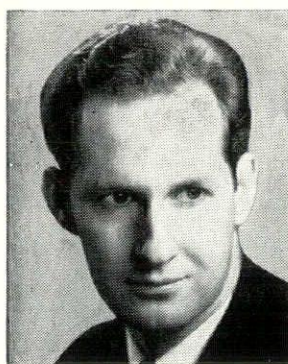
NEW YORK STATE ASSOCIATION OF ARCHITECTS



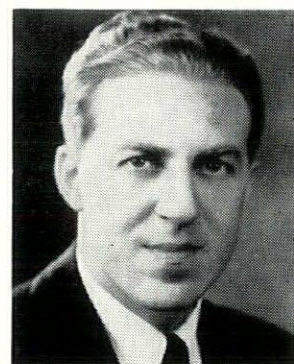
Trevor W. Rogers
President



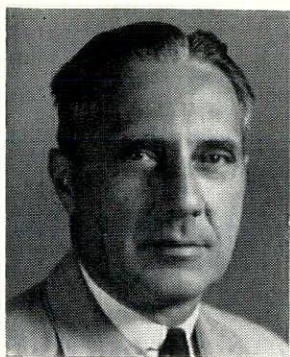
Harry M. Prince
1st Vice-President



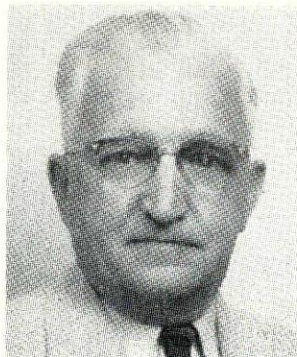
John W. Briggs
2nd Vice-President



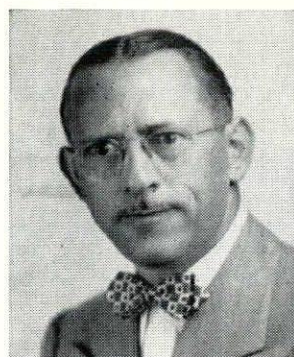
Frederick H. Voss
3rd Vice-President



James Wm. Kideney
Past President



Charles R. Ellis
Past President



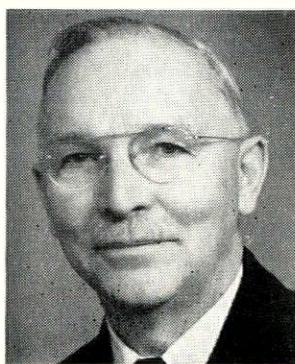
Martyn N. Weston
Treasurer



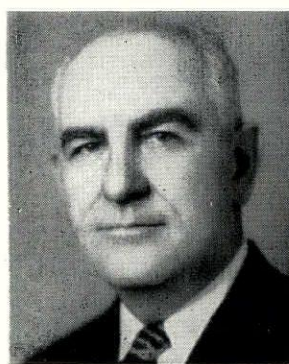
Simeon Heller
Secretary



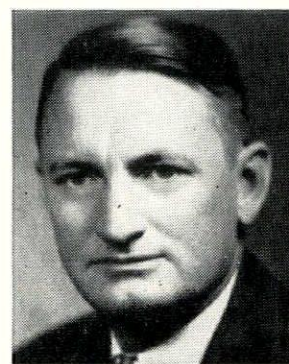
Matthew W. Del Gaudio
Past President



C. Storrs Barrows
Past President



Henry V. Murphy
Past President



Donald Q. Faragher
Past President



Adolph Goldberg
Past President



Joseph F. Addonizio
Executive Director



J. Stanley Sharp



Harry W. McConnell



Carl W. Clark



S. Elmer Chambers



Leonard A. Waasdorp



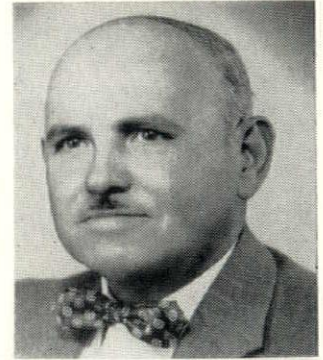
Roswell E. Pfohl



Michael S. Diamond



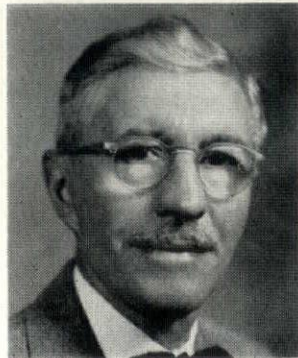
George J. Cavallieri



Frank Randazzo



Harry Silverman



Walter J. Brach



Leo Stillman



Guerino Salerni

Photo James A. Mero not available



A \$3,000,000 Investment in Your Future

THESE BUILDINGS are the largest and most completely equipped laboratories in the world devoted exclusively to research on portland cement and concrete. They are dedicated to producing scientific data, new engineering procedures and practical information for cement and concrete users throughout the United States and Canada.

Inside these laboratories scientists are able to carry out experiments under conditions colder than the Arctic, hotter than the Equator, dryer than the Sahara, wetter than the Amazon Valley. They have at their disposal the most modern scientific apparatus obtainable.

These enlarged new laboratory facilities re-emphasize the primary purpose of the Portland Cement

Association—which is to improve and extend the uses of portland cement and concrete through scientific research and engineering field work, and to make freely available to the public the most up-to-date knowledge regarding cement and concrete and their engineering applications.

These new laboratories are a symbol of the faith which the 67 member companies of the Association have in the future of our country. They are dedicated to helping build a better America and thus are indeed an investment in your future.

A list of Association members—cement manufacturers whose financial support makes these laboratories and broad Association engineering service program possible—will be supplied on request.

P O R T L A N D C E M E N T A S S O C I A T I O N
250 PARK AVENUE, NEW YORK 17, NEW YORK

A national organization to improve and extend the uses of portland cement and concrete through scientific research and engineering field work

THE PRESIDENT'S MESSAGE



This is my last message to you as President of our Association. I hope that the work undertaken by our Association during the past two years has been fruitful and beneficial to every practicing Architect in the State of New York.

At this time, I wish to thank the Officers, Board of Directors and Past Presidents who have served so faithfully in giving wise counsel and guidance to our Organization. My particular thanks also goes to the Committee Members and their Chairmen who have diligently investigated their work and kept our membership well-informed.

As we were founded primarily to investigate adverse legislation concerning the Architect, we still feel that this is one of the most important duties which we can perform. The past two years have been no exception. We have successfully spurred our membership to action when necessary, regarding certain legislative activities. This was especially true with the Engineers' Corporation Bill. With the assistance of our Organization, this Bill, which would have eventually effected the practice of Architecture, was twice defeated.

Perhaps the greatest single action taken by our membership during the past two years was the establishment of a "home" for our N. Y. S. A. A., and the employment of an Executive Director. We now have a permanent address at 441 Lexington Avenue, New York City, and our Executive Director is Mr. Joseph F. Addonizio. Please feel free to visit our office on any occasion, as our Director is most anxious to be of extreme service to our members.

It has been a wonderful experience to me to be associated with such a fine group of Architects. The gains received from this position as President have more than offset any small contribution which I may have been able to give.

TREVOR WARREN ROGERS, *President*
New York State Association of Architects

PROGRAM

1957 Convention, N.Y.S.A.A.

Hotel Statler Buffalo, New York

September 19th, 20th, 21st

WEDNESDAY, SEPTEMBER 18th

10:00 A.M.	NEW YORK STATE REGION, A.I.A., Pre-Convention Meeting Matthew W. Del Gaudio, Regional Director, presiding	Boston Room Mezzanine
2:30 P.M.	REGISTRATION	Boston Room
2:30 P.M.	CONTINUATION OF REGIONAL MEETING	New York Room
6:30 P.M.	DUTCH TREAT DINNER, Buffet Style	
8:30 P.M.	RECEPTION AND OPENING of Historic Architectural Photographic Exhibit, Informal dress, Taxicab transportation	Albright Art Museum

THURSDAY, SEPTEMBER 19th

9:00 A.M.	REGISTRATION	Mezzanine
9:30 A.M.	OPENING SESSION, Report of Committees	New York Room
12:00 Noon	OPENING OF COMMERCIAL EXHIBITS, Exhibit Area	Mezzanine
12:15 P.M.	OPENING OF ARCHITECTURAL EXHIBITS	Georgian Room
1:00 P.M.	"NEW YORK STATE" LUNCHEON, Members and Guests <i>Toastmaster:</i> Roswell E. Pfohl, Convention Chairman <i>Invocation:</i> Rev. Edward H. Kryder <i>Greetings:</i> Robert J. Stoll, President, Buffalo-W. N. Y. Chapter, A.I.A. <i>Welcome:</i> Mayor Steven Pankow <i>Response:</i> Trevor W. Rogers, President, N.Y.S.A.A. <i>Speakers:</i> Hon. Justin C. Morgan, U. S. District Judge Dr. Marvin A. Rapp, Associate Dean for Community Colleges and Industrial Institutes in New York State	Empire State Room
3:00 P.M.	SEMINAR "Acoustics" Robert B. Newman Bolt, Beranek and Newman, Inc. Acoustics Consultants Paul Hyde Harbach, AIA, Moderator	New York Room
6:30 P.M.	PRESIDENT'S RECEPTION	Veranda of the Terrace Room
7:30 P.M.	DINNER AND DANCE, Informal dress	Terrace Room

FRIDAY, SEPTEMBER 20th

9:30 A.M.	SECOND SESSION Reports, New Business, Election of Officers	New York Room
1:00 P.M.	"INTERNATIONAL" LUNCHEON Members and Guests and their Ladies <i>Toastmaster:</i> Matthew W. DelGaudio, Regional Director, AIA <i>Invocation:</i> Rev. William J. Grant <i>Presentation of the new, and first, Executive Director of the</i> N.Y.S.A.A., Joseph F. Addonizio <i>Greetings:</i> Douglas E. Kertland, President Royal Architectural Institute of Canada <i>Speaker:</i> Roger Allen, F.A.I.A.	Empire State Room
3:00 P.M.	TOUR OF BETHLEHEM STEEL COMPANY, Lackawanna Plant Buses leave Delaware Avenue entrance of Hotel Statler at 2:30 P.M. The Bethlehem Steel Company requests that this trip include men only; boys under 16 years of age and ladies are not included. No cameras, please.	
6:30 P.M.	RECEPTION, Cocktails, Exhibit Area	Mezzanine
7:30 P.M.	ANNUAL BANQUET, Black Tie Optional <i>Toastmaster:</i> Trevor W. Rogers, President, N.Y.S.A.A. <i>Invocation:</i> Rabbi Martin L. Goldberg <i>Introductions:</i> Trevor W. Rogers <i>Speaker:</i> C. George Dandrow, Vice President for Customer Relations, Johns-Manville Corporation	Ballroom

SATURDAY, SEPTEMBER 21st

9:30 A.M.	FINAL SESSION, Reports and Resolutions	New York Room
1:00 P.M.	LUNCHEON, Members and Guests and their Ladies <i>Toastmaster:</i> G. Morton Wolfe <i>Invocation:</i> Rev. Victor L. Brant <i>Awards:</i> Frank S. Mazurowski <i>Installation of Officers:</i> Matthew W. Del Gaudio	Ballroom

Following the Saturday Luncheon, members and guests and their ladies have a choice of interesting entertainment before leaving Buffalo and the Niagara Frontier.

1. 5:00 P.M. NIAGARA FALLS TRIP (Bus leaves Delaware Avenue entrance of Hotel Statler at 5:00 P.M.)
If you were not born in the United States, bring your papers for crossing the Canadian Border.
- 7:00 P.M. DINNER—Refectory, Queen Victoria Park, Niagara Falls, Ontario
- 9:30 P.M. ILLUMINATION OF NIAGARA CATARACT
- 11:00 P.M. START of return trip to Hotel Statler, Buffalo, New York
2. 8:00 P.M. HISTORIC PAGEANT at Civic Stadium opening a week of celebration of the 125th Anniversary of the founding of Buffalo, New York. Vast stage with 3,000 players, ending with a spectacular fireworks finale. Special reserved section has been arranged for the N.Y.S.A.A. Taxicab transportation.

SUNDAY, SEPTEMBER 22nd

3. 10:00 A.M. FINALS, Ryder Cup Golf Challenge, Wanakah Country Club. Bus service from Hotel Statler and return.

LADIES PROGRAM

WEDNESDAY, SEPTEMBER 18th (Pre-Convention Day)

6:30 P.M.	DUTCH TREAT DINNER, Buffet Style	New York Room
8:30 P.M.	RECEPTION AND OPENING of Historic Architectural Photographic Exhibit, Informal dress	Albright Art Museum

THURSDAY, SEPTEMBER 19th

1:00 P.M.	LUNCHEON Miss Anna Mandel "The Umbrella Lady" Cars will leave Delaware Avenue entrance of Hotel Statler at noon	Transit Valley Country Club
6:30 P.M.	PRESIDENT'S RECEPTION	Veranda of the Terrace Room
7:30 P.M.	DINNER AND DANCE, Informal dress	Terrace Room

FRIDAY, SEPTEMBER 20th

1:00 P.M.	"INTERNATIONAL" LUNCHEON Roger Allen, F.A.I.A.	Empire State Room
3:00 P.M.	ILLUSTRATED TALK Mrs. Mary T. Scott "Wildflowers of New York State"	New York Room
7:30 P.M.	ANNUAL BANQUET, Formal	Ballroom

SATURDAY, SEPTEMBER 21st

1:00 P.M.	CLOSING LUNCHEON	Ballroom
5:00 P.M.	NIAGARA FALLS TRIP	
7:30 P.M.	DINNER—Refectory, Queen Victoria Park, Niagara Falls, Ontario	
9:30 P.M.	ILLUMINATION OF NIAGARA CATARACT	
11:00 P.M.	START of return trip to Hotel Statler, Buffalo, New York	

SUNDAY, SEPTEMBER 22nd

- 10:00 A.M. FINALS, Ryder Cup Challenge, Wanakah Country Club

CONVENTION SPEAKERS — 1957



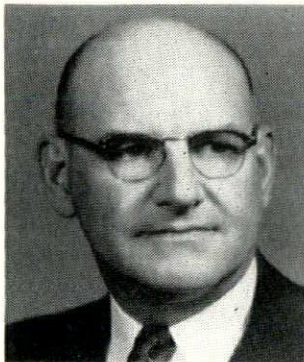
CHARLES GEORGE DANDROW
Vice President for
Customer Relations
Johns-Manville Sales
Corporation

Mr. Dandrow was born on May 12, 1899 in Boston, Massachusetts, and was graduated from the Massachusetts Institute of Technology in 1922 with a B.S. degree in General Engineering. While at M.I.T. he was inter-collegiate hammer and 56-pound weight throwing champion and weight thrower on the 1920 American Olympic Team.

After graduation from M.I.T. Mr. Dandrow joined the Boston sales office of Johns-Manville. Five years later he was transferred to the general engineering staff at the company's headquarters in New York. In 1930 he was named staff manager handling the company's products for the paper, lumber and textile industries and in 1931 he became Sales Manager, New York District, for J-M power products. Mr. Dandrow was later made New York District Manager for the power products and industrial products and was named Vice President and General Sales Manager for Industrial Products in 1946. He was appointed to his present post in 1956.

Active in industry affairs, Mr. Dandrow is a Director and Past President of the New York Building Congress. He is a member of the American Society of Civil Engineers, a trustee of the Engineers Club and the Moles of New York. He is also a member of the Advisory Committee of the Manufacturers Trust Company and of the Board of Directors of ACTION, both of New York. He is also a panel member of the American Arbitration Association.

Mr. Dandrow has also maintained an active interest in the growth and development of Massachusetts Institute of Technology. He is Honorary Secretary and a former Alumni Term member of the M.I.T. Corporation and is a past president of both the M.I.T. Alumni Association and the M.I.T. Club of New York. He also served as Chairman of the Building Engineering and Construction Department of the M.I.T. Visiting Committee.



JUSTIN C. MORGAN
United States District Judge
For the Western District of
New York

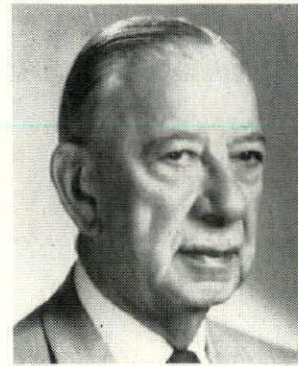
Justin C. Morgan was born in the City of Buffalo, New York, on July 8, 1900; graduated from Kenmore Grammar School; Lafayette High School 1917; Colgate University, A.B., 1921, and School of Law, University of Buffalo, 1924. Admitted to practice January 15, 1925 at Rochester, New York.

From February 1, 1928 to February 28, 1935, he was an Assistant United States Attorney in the Western District of New York.

For seven years he was a Councilman of the Town of Tonawanda. He was elected a member of the New York State Assembly in the 1940 general election and re-elected in each successive Assembly election.

Judge Morgan is a member of the New York State and Erie County Bar Associations, Buffalo Athletic Club, Marshall Club, Sons of American Revolution, Milton J. Brounschidle Post of the American Legion, Past Master of Hiram Lodge of Masons No. 105, Grand Steward of Masons of the State of New York, Past Thrice Potent Master of the Lodge of Perfection of the Buffalo Consistory, and a member of Ismailia Temple A.A.O.N.M.S. He was Vice-Chairman of the Joint Legislative Committee on Housing and Multiple Dwellings; member of the Temporary Commission on the Courts; the Law Revision Commission; the Judicial Council, and Chairman of the Joint Legislative Committee to Study Illegal Interception of Communications; and was a member of the Commission on Ethics in Government; Chairman of the Sub-Committee to Investigate Election Frauds in Oneida County, 1949; member of the Judiciary Sub-Committee investigating the conduct of a former Appellate Division Justice. In addition, Judge Morgan served on Charitable and Religious Societies, Taxation and the powerful Rules Committees. He was Chairman of the Judiciary Committee from 1950 until March 24,

1956. He is a director of the Legal Aid Bureau of Erie County and a former director of the Protestant Home for Unprotected Children.



ROGER ALLEN

Roger Allen is a practicing architect in Grand Rapids, Michigan, and head of the firm of Roger Allen & Associates. Their work is principally in the field of educational and institutional buildings. In the past ten years, they have executed a large number of projects at Ferris Institute, Big Rapids, Michigan, Central Michigan College at Mount Pleasant, Michigan, and the Mt. Pleasant State Home & Training School at Mount Pleasant, Michigan.

Mr. Allen is a former president of the Western Michigan Chapter of the A.I.A. and a former president of the Michigan Society of Architects which consists of the Detroit, Western Michigan and Saginaw Valley Chapters of the American Institute of Architects.

In March, 1954, Mr. Allen received the Gold Medal of the Michigan Society of Architects and also in March of 1954, he was advanced to Fellowship in the American Institute of Architects. In 1955 he was given an honorary Doctor of Laws degree by Central Michigan College. In June of 1957, Ferris Institute bestowed upon him the honorary degree of Doctor of Science.



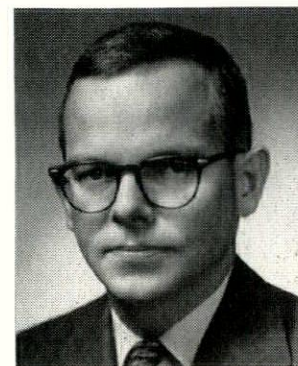
DR. MARVIN A. RAPP

Honors and extra-curricular activities: Scholarship winner; President's Scholarship, 4 years (John B. Colgate); four years debating team captain; elected member Delta Sigma Rho, national honorary forensic society; Chairman of Y work two years; elected to National Educational Honor Society; elected to National Honorary Scholastic Society; Phi Beta Kappa; member of National Social Fraternity, Phi Kappa Tal; Senior Class Orator.

Graduate Work: Duke University, 1939-1942; Winner Anger B. Duke Fellowship for 3 years; Master's Thesis: Port of Buffalo, 1800-1825; Doctorate: Port of Buffalo, 1825-1890; Master's granted in 1940—Doctorate in 1948.

Served in the U. S. Army Air Force 1943-1946—Army Air Corps Intelligence, Historical Division—Helped to write the China-Burma-India Air Operations—Professor of Social Studies, State Teachers College, 1946 to the present.

1953—selected by the Buffalo Evening News as one of the outstanding citizens of Buffalo.



ROBERT B. NEWMAN

Robert B. Newman is Associate Professor of Architecture at Massachusetts Institute of Technology and Vice President of Bolt Beranek and Newman Inc., consultants in acoustics. He is a Fellow of the Acoustical Society of America, and has served as chairman of its Committee on Architectural Acoustics.

Bolt Beranek and Newman Inc. has been acoustic consultants on a number of important building projects in this country and abroad, including the Permanent Headquarters for the United Nations in New York, the General Motors Technical Center in Detroit, the Hall Memorial Auditorium at Oberlin, the Aula Magna in Caracas, the Teatro Nacional in Havana, the Kresge Auditorium at M.I.T., the new Concert Hall in Tel-Aviv, the Alcoa Building in Pittsburgh, and a great variety of church, school and college buildings.

THE 1957 CONVENTION COMMITTEE



Seated L. to R.—Frank S. Mazurowski, Donald W. Love, Richard T. Crandall, Miss Eugenia J. Plewinski, Roswell E. Pfohl, Mrs. Roswell E. Pfohl, Mrs. Robert J. Stoll, James S. Whitman, Paul H. Harbach, Elon B. Clark, Jr., W. Newell Reynolds. Standing L. to R.—Frederick C. Backus, Milton Milstein, Thomas J. Imbs, Robert J. Stoll. Franklin F. Foit missing from photo.

Convention Chairman

ROSWELL E. PFOHL
185 Niagara Street
Buffalo 1, N. Y.

Architectural Exhibit

JAMES S. WHITMAN
110 Pearl Street
Buffalo 2, N. Y.

Commercial Exhibit

DONALD W. LOVE
232 Delaware Avenue
Buffalo 2, N. Y.

FRANK S. MAZUROWSKI
953 Walden Avenue
Buffalo 11, N. Y.

Program and Seminars

FREDERICK C. BACKUS
232 Delaware Avenue
Buffalo 2, N. Y.

Bronx Chapter

Michael A. Cardo
Leo Stillman
George W. Swiller

Brooklyn Chapter

Joseph Levy, Jr.
Irving P. Marks
Harry Silverman
Brooklyn Society
Frank Randazzo
Sidney H. Kitzler
Jacob W. Sherman

Central New York Chapter

John B. Cummings
Anthony J. Cappuccilli
Thomas O. Morin

Convention Treasurer

ELON B. CLARK, JR.
220 Delaware Avenue
Buffalo 2, N. Y.

Publicity

MILTON MILSTEIN
Jackson Building
Buffalo 2, N. Y.

THOMAS JUSTIN IMBS
225 Delaware Avenue
Buffalo 2, N. Y.

Reception and Hospitality

FRANKLIN F. FOIT
250 Delaware Avenue
Buffalo 2, N. Y.

RICHARD T. CRANDALL
250 Delaware Avenue
Buffalo 2, N. Y.

COOPERATING COMMITTEES

Eastern New York Chapter

James E. Mero
Fay A. Evans
Bailey M. Cadman

Long Island Society Chapter

Daniel D. Perry
Walter J. Brach
John T. Nelson

New York Chapter

J. Stanley Sharp
Roger G. Spross
Robert L. Bien

New York Society

Nathan R. Ginsburg
N. J. Sapienza
H. I. Feldman

Queens Chapter

Gabriel Nathan
Guarino Salerni
William Lukacs

Convention Secretary

MISS EUGENIA J. PLEWINSKI
185 Niagara Street
Buffalo 1, N. Y.

Reservations and Registrations

W. NEWELL REYNOLDS
2000 Sheridan Drive
Buffalo 23, N. Y.

Transportation

PAUL H. HARBACH
220 Delaware Avenue
Buffalo 2, N. Y.

Women's Committee

MRS. ROSWELL E. PFOHL
2012 East River Road
Grand Island, New York

MRS. ROBERT J. STOLL
Chairfactory Road
Elma, New York

Westchester Chapter

Gerson T. Hirsch
Donald H. Newman
Millard F. Whiteside

Rochester Society

Nicholas J. Masucci
Daniel F. Giroux
Thomas O. Morin

Staten Island Chapter

Kenneth W. Milnes
Maurice G. Usian
Joshua Brown

Syracuse Society

Anthony J. Cappuccilli
S. Elmer Chambers
James D. Curtin

COMMERCIAL EXHIBITORS

Annual Convention — September 19, 20, 21, 1957

New York State Association of Architects

Buffalo, New York

Booths

- | | |
|------------|---|
| 1 | THE RITTLING CORPORATION
Rittling Building
Buffalo, New York |
| 2 & 3 | ALUMINUM COMPANY OF AMERICA
1880 Elmwood Avenue
Buffalo, New York |
| 4 | ONONDAGA BRICK COMPANY
Warners, New York |
| 5, 48 & 49 | BINGHAMTON BRICK COMPANY, INC.
Binghamton, New York |
| 6 | VICTORY METAL MANUFACTURING CORP.
Plymouth Meeting, Pennsylvania |
| 7 | AMERICAN SEATING COMPANY
Empire State Division
923 West Genesee Street
Syracuse 4, New York |
| 8 & 9 | COLLUM ACOUSTICAL CORPORATION
51 Wilkeson Street
Buffalo, New York |
| 10 | PORTLAND CEMENT ASSOCIATION
250 Park Avenue
New York 17, New York |
| 11 | OSMOSE WOOD PRESERVING COMPANY, INC.
980 Ellicott Street
Buffalo, New York |
| 12 | THE MOSAIC TILE COMPANY
Zanesville, Ohio |

Booths

- | | |
|---------|--|
| 13 | PRATT & LAMBERT, INC.
75 Tonawanda Street
Buffalo 7, New York |
| 14 | JOHN J. NESBITT, INC.
789 Central Avenue
East Orange, New Jersey |
| 15 | UNITED STATES PLYWOOD CORP.
55 West 44th Street
New York 36, New York |
| 16 | BUFFALO BRICK CORPORATION
West Falls, New York |
| 17 | DAWSON METAL COMPANY, INC.
335 Harrison Street
Jamestown, New York |
| 18 | YAEGER FLOOR COMPANY, INC.
Box 74—Brighton Station
Rochester, New York |
| 19 | ARMENTO METAL ARTS COMPANY
401 Delaware Avenue
Buffalo, New York |
| 20 | UVALDE ROCK ASPHALT COMPANY
Box 531
San Antonio, Texas |
| 21 & 23 | THE ANDERSEN CORP.
The Whitmer-Jackson Co., Inc.
Iroquois Door Company
Buffalo, New York |
| 22 & 24 | BRONSTEEL PRODUCTS CORP.
1965 Sheridan Drive
Buffalo, New York |

Booths		Booths	
25	FOSTER REFRIGERATOR CORP. Hudson, New York	40	WESTNY BUILDING PRODUCTS CORP. 1000 East Ferry Street Buffalo, New York
26	AMERICAN OLEAN TILE COMPANY 1000 Cannon Avenue Lansdale, Pennsylvania	41	DUSING & HUNT, INC. 1927 Elmwood Avenue Buffalo, New York
27	ZONOLITE COMPANY 160 North Main Street Oneida, New York	42	DUR-O-WAL PRODUCTS, INC. P. O. Box 628 Syracuse, New York
28	INDEPENDENT NAIL & PACKING CO. Bridgewater, Massachusetts	43	KESKO PRODUCTS, INC. Bristol, Indiana
29	AMERICAN MAT CORPORATION Toledo 2, Ohio	44	MODERNFOLD DOOR SALES CORP. 2267 Delaware Avenue Buffalo, New York
30	GEORGE W. BURNETT INC. 59 Lakeshore Road Hamburg, New York	45, 46 & 47	A. O. STILWELL CO., INC. 991 Main Street Buffalo, New York
31	NATIONAL GYPSUM COMPANY 325 Delaware Avenue Buffalo 2, New York	50	TREMAN STRUCTURAL PLASTICS 703 Temple Building Rochester 4, New York
32	PRODUCERS COUNCIL Buffalo, New York	51	MINWAX COMPANY, INC. 11 West 42nd Street New York 36, New York
33	GEORGE W. LOGAN COMPANY P. O. Box 57 Hamburg, New York	52	NEW YORK STATE CONCRETE MASONRY ASSOCIATION 1 Niagara Street Buffalo 2, New York
34	WM. SUMMERHAYS SONS CORP. 620 Clinton Avenue, South Rochester 20, New York	53 & 54	FRONTIER DOLOMITE CONCRETE PRODUCTS CORP. P. O. Box 436 Lockport, New York
35	NICK BALL LIGHTING FIXTURES 2992 Delaware Avenue Kenmore, New York	55, 56 & 57	ANCHOR CONCRETE PRODUCTS, INC. 2450 William Street Buffalo, New York
36 & 37	MR. A. D. DUGAN, JR. 96 Brookwood Road Rochester 10, New York	58	McDOUGALL-BUTLER CO., INC. 2929 Main Street Buffalo 14, New York
38	HANLEY COMPANY, INC. 625 Delaware Avenue Buffalo, New York		
39	NATIONAL CHEMICAL & MANUFACTURING CO. 3617 South May Street Chicago 9, Illinois		

ONONDAGA COUNTY OFFICE BUILDING

SYRACUSE, NEW YORK

KING & KING, *Architects*



The purpose of this structure was to provide greatly needed office space for various Onondaga County Departments which were housed in either rented spaces in widely separated areas of Syracuse or in an old obsolete building adjacent to the County Court House.

The site chosen was in a block located between the Court House and the Onondaga County War Memorial Building. The County owned, or acquired prior to construction, all of the property in the entire block with the exception of one relatively small parcel. Steps are currently being taken to acquire this one property so that in the near future the entire block will be County owned.

After many meetings with the architects and an analysis of department needs, the Committee of the Board of Supervisors in charge of the project, determined that eleven County Departments would be housed in the new structure.

Located in this same block are the County Morgue and Jail buildings. However, both of these structures are relatively old and in the long range studies for the entire block, it was determined that these old structures would eventually be razed and the entire area would become a part of a County Center.

The new building is the first unit of the eventual development and, as indicated on the Plot Plan, additional wings will be constructed as the need for office space occurs.

The building is eight stories high and of a simple design with a first story base of polished dark green

granite, with upper stories of white marble with light green veining. The east and west walls above the first floor are light weight curtain wall construction with aluminum windows and blue-green "spandrelite" glass spandrels. All windows are washable from the interior.

The frame of the building is of structural steel with high tensile bolted connections. Test borings showed that pile foundations were required and poured-in-place steel shell concrete piles were used to support the structure, including the basement floor.

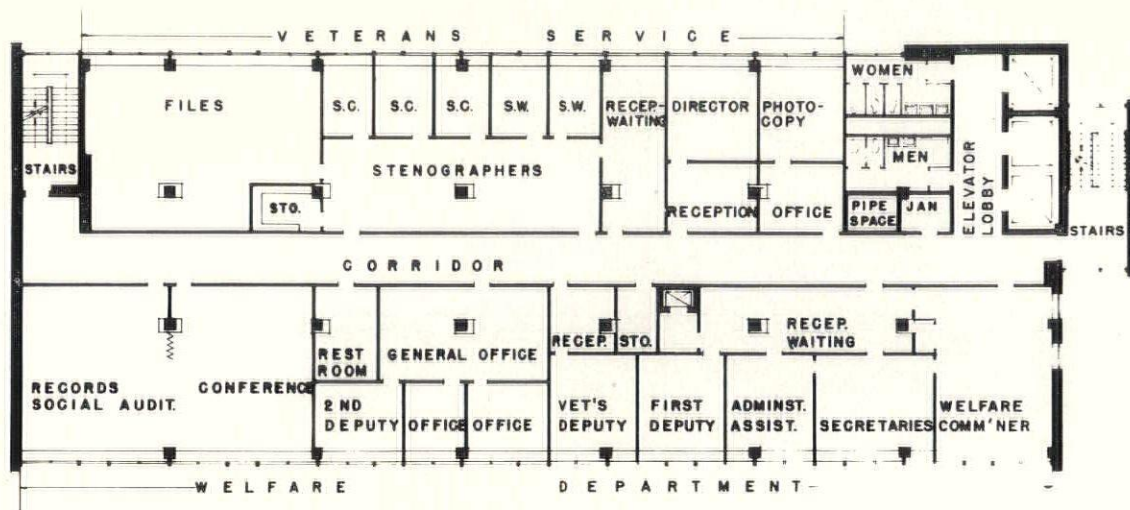
The floor and roof system is of cellular steel panels welded to beams and girders. This cellular floor system was chosen so as to provide flexibility for electric outlets and the telephone system.

A 4-hour fire rating was required by the Syracuse Building Code and this requirement was met by the use of a "blown-on" vermiculite fire proofing on all exposed beams, girders and the bottom of the steel floor panels. All columns were fire proofed with masonry except those in the curtain walls which were fire proofed with metal furring and vermiculite plaster.

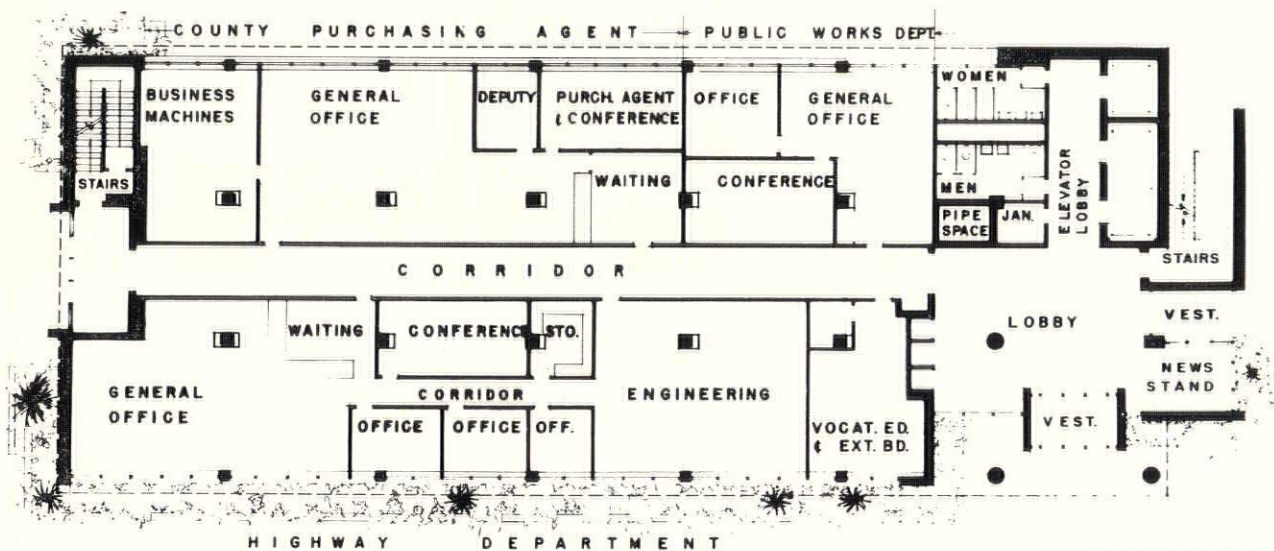
All ceilings in all areas are suspended and acoustically treated with mineral, fissured tile, except in toilet rooms where plaster finish was used.

Lobby, stairhall and vestibule floors are of terrazzo; all other floors are finished with vinyl-asbestos tile.

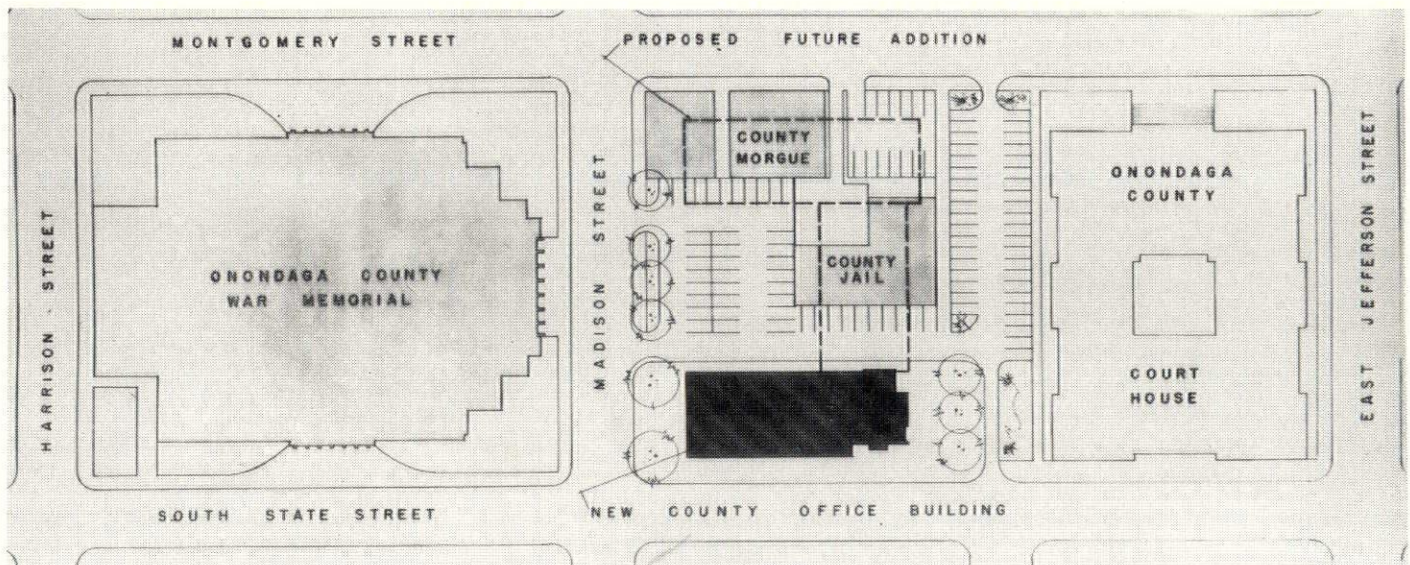
Main entrance lobby and elevator lobby walls are finished in marble from floor to ceiling. Interior of exterior walls and exposed columns are of painted plaster.



TYPICAL UPPER FLOOR PLAN



FIRST FLOOR PLAN

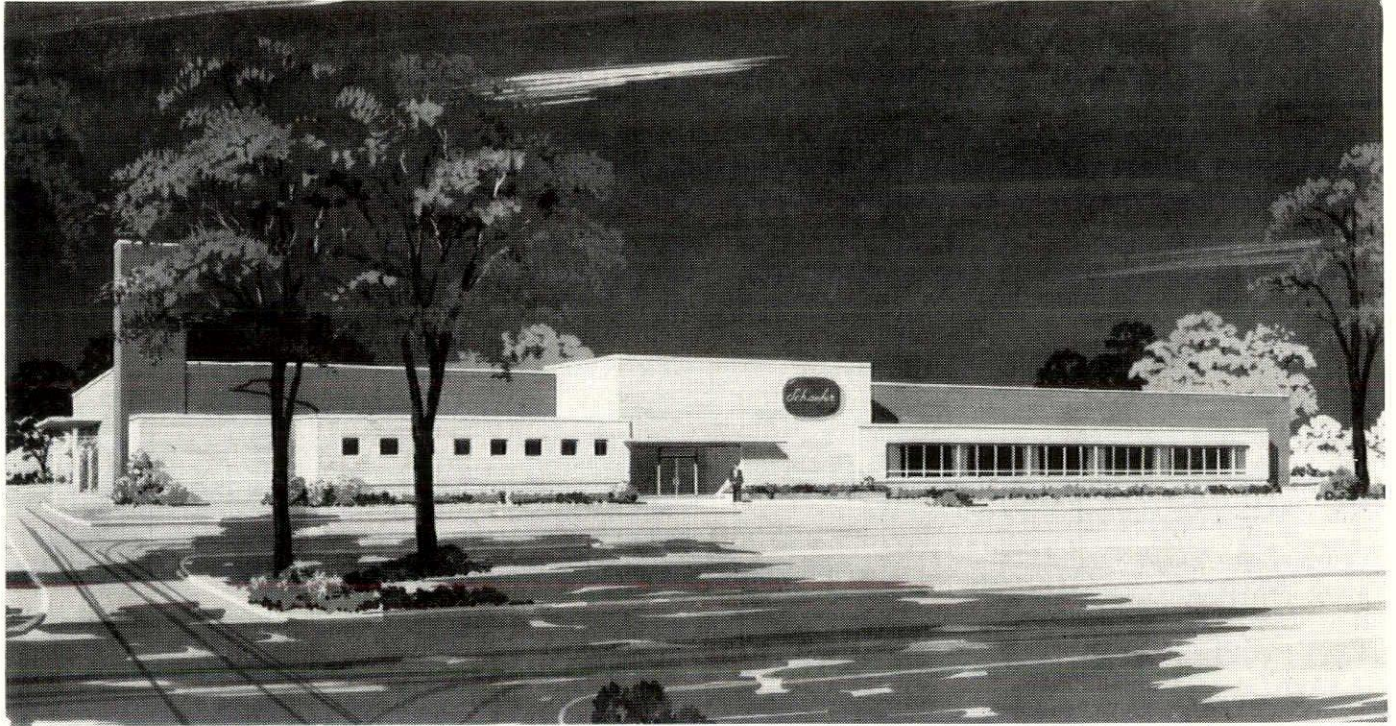


PLOT PLAN

(Continued on Page 85.)

F. & M. SCHAEFER BREWING CO.

EGGERS AND HIGGINS, *Architects*



Architect's drawing of the new distribution depot of The F. & M. Schaefer Brewing Co., which is to be erected near Huntington, L. I. Ground-breaking ceremonies took place this week for the ultra-modern plant which is scheduled for completion next spring.

Ground-breaking ceremonies were held recently for the new Nassau-Suffolk depot of The F. & M. Schaefer Brewing Co. to be located on New York State route 110, in Huntington, L. I.

The new 240 foot long distribution depot will receive trailer trucks bringing canned, bottled and keg beer from the company's Brooklyn brewery at 430 Kent Avenue. From the depot, Schaefer will distribute directly to beer retailers throughout Nassau and Suffolk counties.

The depot, designed by Eggers and Higgins, architects, will be built on a four and two-thirds acre plot having a 500 ft. frontage and 400 ft. depth. It will incorporate the very latest design and construction concepts in beer warehousing. Provisions have been made for loading trucks within the building. All products,

to be transported and stored on pallets, will be loaded and stacked by fork-lift trucks. Refrigerated storage space for kegs is also included in the blueprints of the new ultra-modern warehouse facility.

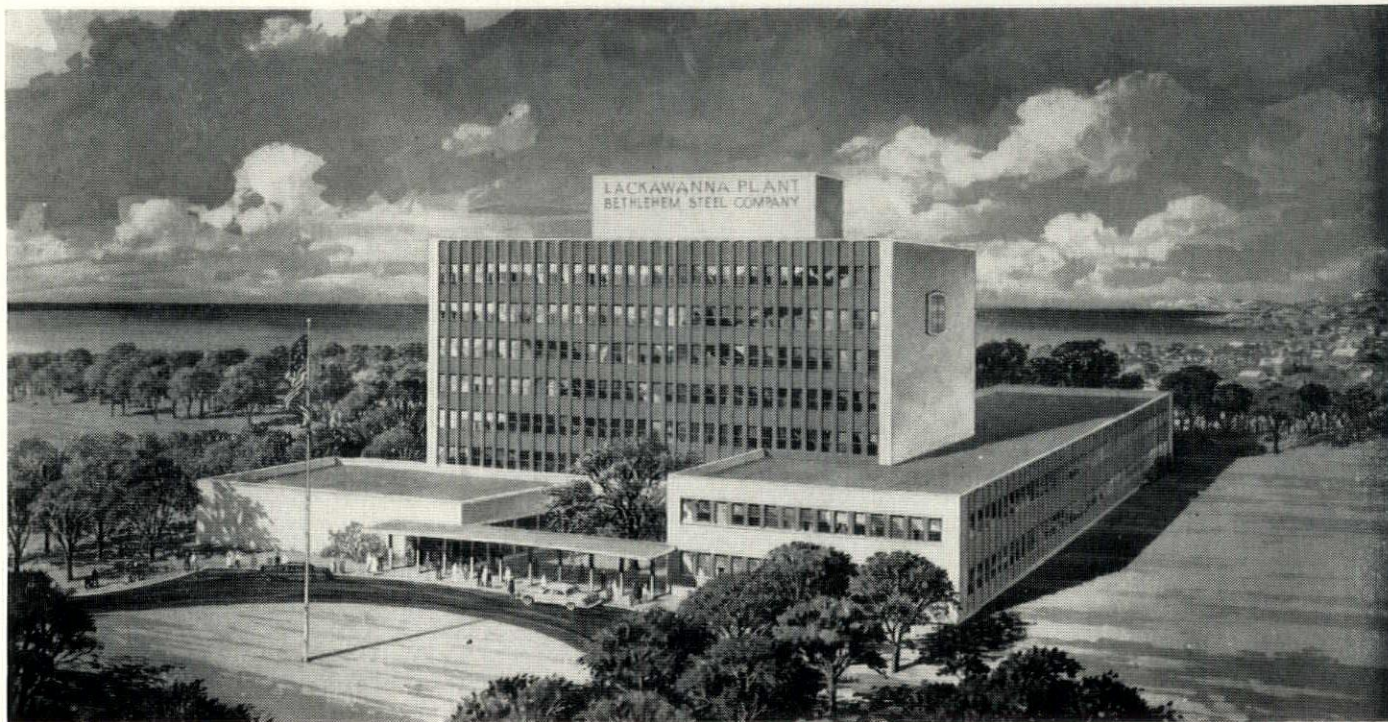
Fully air-conditioned office space will be located in a wing of the building which will house administrative and sales personnel. The clean, low lines of the new building will be complemented by extensive landscaping. An off-the-road parking area will accommodate 50 trucks and 106 passenger cars.

Contemporary in design, the new depot will be constructed of red and glazed white brick—the colors identified with Schaefer. Contractor for the new steel frame structure is W. L. Oestreicher Co., Inc. of Great Neck, L. I. Completion is scheduled for early next spring.

NEW OFFICE BUILDING

BETHLEHEM STEEL COMPANY

Buffalo, New York



Mc KIM, MEAD & WHITE, Architects

Bethlehem Steel Company has expanded production facilities to a point at its Lackawanna Plant where the present plant office building has become inadequate for administrative needs.

A new office building is now being erected on a site at the southern boundary of the plant area, between Hamburg Turnpike and Lake Erie. As a New York State Highway Department project, the turnpike is being widened at this point and an interchange connection to the New York State Thruway is being built adjacent to the office site, which will serve not only the Bethlehem offices but also the Ford Motor Company to the east and the Penn Dixie Cement Plant to the south, and will provide an important improvement to all traffic along the industrial area of the Hamburg Turnpike.

The architectural firm of McKim, Mead & White has designed a building which consists basically of a seven-story and basement tower oriented east and west to reduce the air conditioning load and to provide a partial view of the lake from the majority of the offices.

At right angles to the tower and to the east is a two-story and basement wing 82 feet wide and 280 feet long, housing the two largest departments: Accounting will be on the first floor and Engineering on the second. Also on the second floor of this wing will be the employees' cafeteria, the kitchen, and the staff dining rooms. In the basement will be a garage housing 33 cars; in addition the outside parking lots will take care of 500 cars.

At the southeast will be a one-story wing containing a 260-seat auditorium. The newest type equipment for the projection of 16-mm. motion pictures and slides will be installed in the auditorium projection room. A record player will be available to carry recorded lectures or music into the public address system of the auditorium.

The exterior treatment consists of large panels of blue glazed face brick relieved at the corners and at the ends of the wings with gray glazed brick. Blue porcelain-enamelled steel mullion covers are provided where horizontal band treatment of windows occurs.

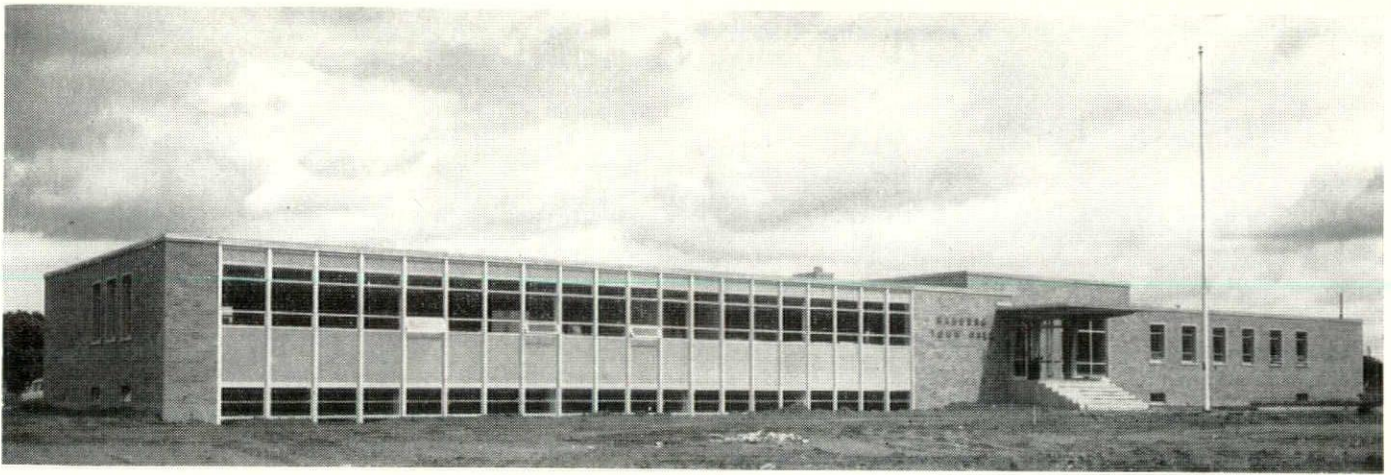
Stainless steel will be used extensively at the main entrance in the lobby, the exhibit area and for the fascia on the canopy connecting the two low wings of the building.

Marble facing in the lobby will be relieved by stainless steel trim, stainless steel elevator doors and stainless steel air conditioning units along the window wall looking out on a landscaped court.

The floor finish material in the lobby will be terrazzo. In the offices and corridors the floor covering will be vinyl-asbestos tile.

The building structure, designed by Eipel Engineering, is a steel skeleton frame with hollow steel electric floor panel decks except for the first floor, the seventh floor fan room, the kitchen and central core areas, where it is concrete arch.

(Continued on Page 83.)



HAMBURG TOWN HALL

PAULY, HAUCK & WELCH, *Architects*

Rapid development of suburban areas, particularly in the townships immediately surrounding the city of Buffalo, has created new problems and made a more complex operation out of the existing town government.

The Town of Hamburg was particularly involved in this new growth with the added disadvantage of having its various departments functioning in widely separated buildings.

The program, therefore, was to house these various town services in one building, allow space for agencies such as civil defense, meeting rooms for planning, building, and zoning boards, and also provide for future growth. Parking facilities and circulation was a prime consideration.

The site, a five acre plot north of the Village of Hamburg, with frontage of 370 feet will be landscaped during the coming fall.

The plan is an inverted T with the front facing toward the west. The south wing contains administrative offices of the Supervisor, Comptroller and a Council Meeting Room. The north wing contains the Town

Clerk and Tax Collectors offices opening off the Center Lobby and separated by a corridor leading to the Engineering Offices and Assessors.

To the rear of the Lobby is located the General Meeting Room and Court Room, which is L shaped and fitted with a folding door and folding partition arranged to provide overflow space into the seating end of the Court Room for an occasional extra large Town Meeting.

The rear wing contains offices for the Judges, a Jury Room, Police rooms, Jail cells for 5 men and a single cell room for women. The police have garage space for four cars and in the basement have a locker room, toilet facilities and a report room.

In the basement under the front north wing are offices (5), under the south wing a space for pistol range, under the meeting room a youth recreational program area is located. Toilet and general storage rooms fill out the remainder of the basement.

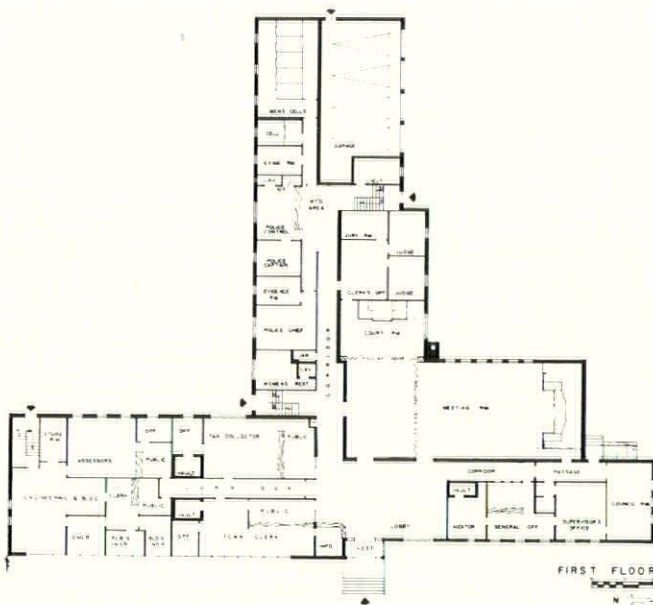
Off street parking along the street front is provided for 18 cars, while the main parking area for the public is northeast of the building with direct access to the Lobby and the Police wing.

General Construction Information:

Concrete foundations, concrete joist (tin pan) first floor construction, poured gypsum roof over insulation board on bar joist. The roof over the rear wing is of concrete on bar joist, designed for future floor load. Exterior wall, brick facing, tile backup. Interior partitions of tile plastered. Oak wainscoting in Court and Meeting Room; Council Room and Supervisor's Office. Vinyl asbestos for first floor covering, asphalt tile in basement. Acoustic ceilings throughout.

Heating units provide for future use of chilled water for air conditioning of offices.

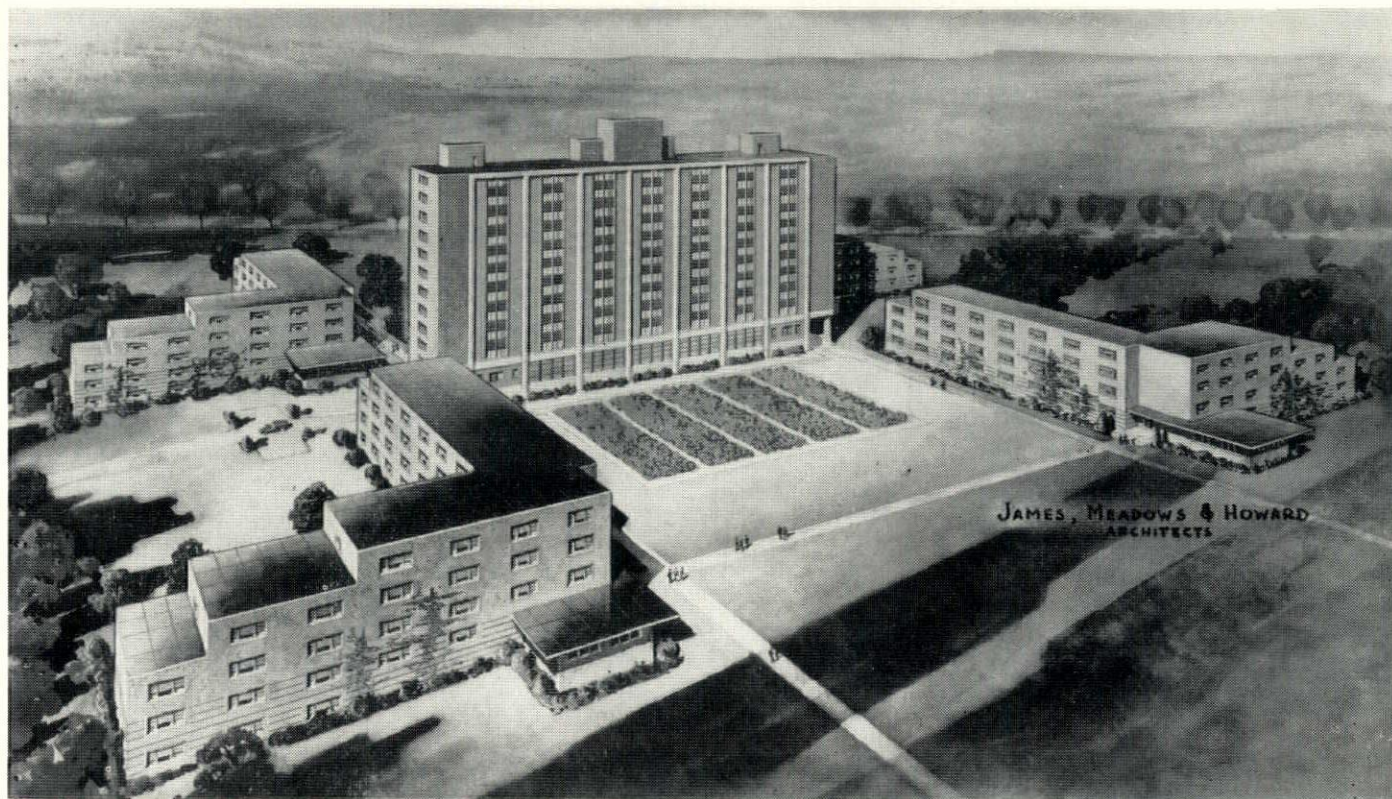
General (including parking areas and sidewalks)	\$317,000.00
Plumbing	24,500.00
Heat. and Vent.	31,600.00
Electric	34,300.00
Cubic foot price	1.18
Square foot price	14.13



RESIDENCE HALL

THE UNIVERSITY OF BUFFALO

JAMES, MEADOWS & HOWARD, *Architects*



Plans for the proposed Residence Hall No. 5 indicate a building whose basement and first floor dimensions are approximately 216 feet by 145 feet. Superimposed upon this mass on the southwest side is a ten-story tower approximately 216 feet wide by 38 feet deep. Two elevators and two stairways service this tower from the basement to the roof.

The first floor, with main entrances at each end of the 216 foot front, is devoted to the main lobby and lounge areas, meeting rooms, office for the Residence Bureau, apartment for the Head Resident, two dormitory suites for four students each; and the main dining facilities including two dining halls, the kitchen with double cafeteria service lines, two coat check rooms, and a general meeting room. The total normal seating capacity of the two dining halls is approximately 448 students. The end wall of the center dining hall is all glass and is so designed as to readily permit expansion as future needs develop.

The basement is devoted to the general receiving and storage areas, toilet rooms, kitchen storage and dishwashing rooms with access to the kitchen above by means of two dish lowerators, one freight elevator and stair. The basement also contains a post office, branch book store, snack bar, washerateria, incinerator, and general recreational and student activity areas.

Each of the upper ten tower floors contains 22 double rooms for a total capacity of 440 students. On each floor there is a lounge, bath and toilet facilities, and two storage rooms for trunks, suitcases and linen.

The total capacity of the building, including the eight students on the first floor, is 448.

In each of the bedrooms each student will be comfortably provided with a single bed, wardrobe and chair. Dressers, desks and book shelves are designed for double use.

Structurally, the building is designed as a reinforced concrete frame with inclosing curtain walls of two shades of terra cotta and brick matching the brick of the existing residence halls. The structural concrete columns of the tower project outside the face of the building wall and will be hand rubbed.

Windows will have sash and frames of aluminum, and will be double glazed.

Exhaust air from the kitchen, dining area, dishwashing room and lavatory areas will be discharged at the tower roof to prevent cooking odors from infiltrating other parts of the building and the adjacent residence halls.

Floors of the main lobby and circulating areas of the first floor will be of terrazzo. Floors of the principal meeting rooms, corridors and bedrooms will be surfaced with asphalt tile. Dining halls will be surfaced with acid resisting vinyl plastic.

With the exception of the basement, in all areas where large crowds may congregate, the ceilings will be acoustically treated. Partitions between bedrooms will be plastered on gypsum block; while the corridor partitions will be of Celocrete or Dolomite block, painted.

TWO JUNIOR FOR THE BOARD NEW YORK

JUNIOR HIGH SCHOOL 45, MANHATTAN



FERRENZ & TAYLOR, *Architects* — School 45, Manhattan

A new concept in municipal construction—combining a school building with another but separate public facility—is announced by the Board of Education. Two such projects in the Board's building program, both in heavily-congested sections of Manhattan, will incorporate new junior high school with a community recreation center and a branch library.

The schools are JHS 45 in East Harlem, which has the center, and JHS 22 on the East Side, which will include the library. The latter project has been cited for excellence in design in the Fourth Annual Design Awards Program sponsored by *Progressive Architecture*, national architectural magazine.

Charles H. Silver, president of the Board of Education, and Charles J. Bensley, chairman of the Board's Committee on Buildings and Sites, described the two combined units as a "fresh approach to the problem of providing needed public facilities in crowded areas." By erecting two buildings on a single site, and employing a single plan which embodies both projects, the City saves "considerable" money in construction and site costs and reduces tenant dislocation to an "absolute minimum," the two officials said.

William J. O'Shea, who with President Silver represents Manhattan on the Board of Education, saluted the new buildings as a "milestone in scientific planning for educational and leisure time activities."

The first of the "combination" buildings is JHS 45 at First Avenue and 120 Street, now in construction, which will incorporate a two-story recreation unit on the westerly end of the plot. Situated adjacent to the new Senator Robert F. Wagner Houses and representing an outlay of \$4.3 million for construction, the dual structure is being erected by the Caristo Construction Corp. from plans prepared by Ferrenz & Taylor, private architects assisting the Board of Education's Bureau of Construction in completing the design phase of the current building program.

The other project combines JHS 22 with the Hamilton Fish Park Branch Library on the block bounded by Stanton, Columbia, East Houston and Sheriff Streets. Estimated to cost \$3.5 million, with contracts expected to be awarded by the Board of Education about mid-February, the building has been designed by the architectural firm of Kelly & Gruzen. The *Progressive Architectural* citation for this project hails the "fresh approach to a plan solution of the urban school."

The Kelly & Gruzen design locates the major educational areas on two floors which are raised on columns one story above street level. The cafeteria and gymnasium are at street level on the Columbia Street side of the site. The library, planned to house 40,000 vol-

HIGH SCHOOLS OF EDUCATION CITY

JUNIOR HIGH SCHOOL 22, MANHATTAN



KELLY & GRUZEN, *Architects* — School 22, Manhattan

umes, will be situated at the opposite end, at Sheriff Street, with its own entrance. JHS 22 will bear the name of Gustave Straubenmuller, an Associate Superintendent of Schools from 1895 to 1928.

The school has been planned for an enrollment capacity of 1,800 pupils in a 7-9 grade organization. Its upper-story layout provides for 36 regular classrooms, 20 special classrooms, seven shops and auditorium.

Two ramps within an open court will bring pupils from the sidewalk level directly to the first academic floor without requiring passage through any portion of the building. In effect, the ramps become an extension of the sidewalk and in function help bring the academic floors down to street level.

Construction of JHS 22 will be of steel and reinforced concrete, with the columns tapered and faceted. In many areas, glass will be employed from floor to ceiling and thereby eliminate the need for spandrel wall. A feature of the mechanical system will be an electric snow-melting device for the ramps.

The library will incorporate several "firsts," according to library officials. It will be the first building in the 83-branch system to be erected "campus-style"—that is, set back from the street on a grassy plot. Another "first" is that, as a one-story unit, it is the first library to provide services for children, teen-agers and adults on the same floor. And, of course, it is the first branch to be joined with a school.

JHS 45, named for the late John S. Roberts, also a former Associate Superintendent of Schools, will have an organization similar to JHS 22. However, a highlight of the building's features is a swimming pool, the first to be provided in a public school in many years. The school also will contain an auditorium and gymnasium, 34 regular classrooms, 17 special classrooms and six shops.

The recreation building is to be used by the community after regular school hours, and will provide junior and senior game rooms, meeting facilities, craft rooms, shops and other activities "in an atmosphere designed to promote a high level of community spirit," according to the architects' description of the project.

The school will be four stories in height and employ steel frame construction, as will the recreation building. The exterior walls are of face brick chosen to harmonize with the housing project. In addition to the Caristo Construction Corp., main contractors for the work are A. Rosen & Son, plumbing and drainage; Daniel J. Rice, heating and ventilation; and John G. Hellman, Inc., electric work. The target date for completion is the fall of 1958.

The programs of educational requirements for the two new schools were developed in the Board of Education's Division of Housing under the supervision of David H. Moskowitz, Associate Superintendent of Schools, in charge.

THE GREEK REVIVAL

INSTALLMENT 4

ENTRANCES AND PORCHES

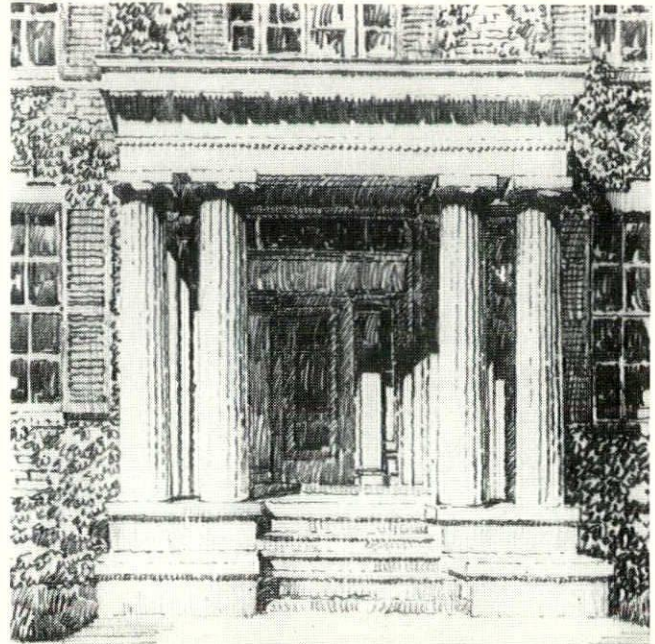
CARL F. SCHMIDT

From the temples of ancient Egypt, through the classical era of Greece and Rome, as well as through the Renaissance, the entrance or portal was the center of interest. This building tradition continued throughout the Colonial, Post-Colonial and Greek Revival periods.

Entrances and doorways have individuality and character and one usually associates a house with its front entrance. It is generally the dominating feature of the design upon which was lavished the best workmanship.

One of the most interesting studies of early American architecture is the development of the entrance from a simple cased opening to the elaborate columnar projecting porches. Faced with the problem of relieving the monotony of a rectangular, box-like mass, the builders developed the entrance and made it a feature that individualized the home.

After the Revolutionary War, with the advent of the merchant prince, when whaling and sailing ships were beginning to make men's fortunes, entrances and porches became more elaborate and dignified. The builders introduced paired columns, circular pedi-



The entrance porch to the Erickson-Perkins House has paired Doric columns supporting a three-member entablature.



The Nathaniel T. Rochester House has a simple recessed type of entrance without enframingent. The mullions on each side of the door are faced with narrow pilasters and the narrow end jamb is faced with one-half width of a pilaster. The pilasters are paneled and decorated at the top with a carved palmette. The wide transom bar is designed as a two-member entablature with a frieze and cornice.

ments, broken pediments, and the various combinations of door, sidelights, and transom. Many were embellished with wood carvings and gouge cuts.

The porch is distinctly an American development. A few projecting porches were built previous to 1775, but we can safely say the porch as it is known to us, was developed between 1785 and 1850. During most of this time the Post-Colonial and the Greek Revival styles were developing simultaneously. The Greek Revival builders and architects, no doubt, contributed their share in developing this feature of the American architecture.

The Classic Greek monuments provided only two entrance motifs to serve as models, one from the Tower of the Winds and the other from the Erechtheum. Both are very simple motifs compared to the elaborate entrances developed by the Greek Revival builders.

The various entrance compositions from the simple doorway with a moulded casing to the elaborate entrance with sidelights and transom, had already been developed by the Post-Colonial builders. The Greek Revival craftsmen adapted these motifs but substituted the proportions and mouldings of the classic Greek architecture as derived from the builders handbooks.

During the early years of the Greek Revival the columns, pilasters and entablatures were often rather heavy, closely approaching the Classic Greek proportions, but as the style developed, the builders followed the advice of Asher Benjamin and other writers of the builders handbooks. They attenuated or made the columns and pilasters of greater height in proportion to the diameter. Slenderizing the columns and pilasters

in this manner is more expressive of the character of wood. They also changed the proportions and parts of the entablature, often omitting some of the mouldings, triglyphs, dentil course or mutules. Frequently, the architrave, one of the three members of the entablature was omitted entirely.

Somehow the American craftsmen grasped the feeling of the material, wood. The various parts of the entrances and cornices could be made up of much smaller members in wood and they did not lose their sense of wood scale.

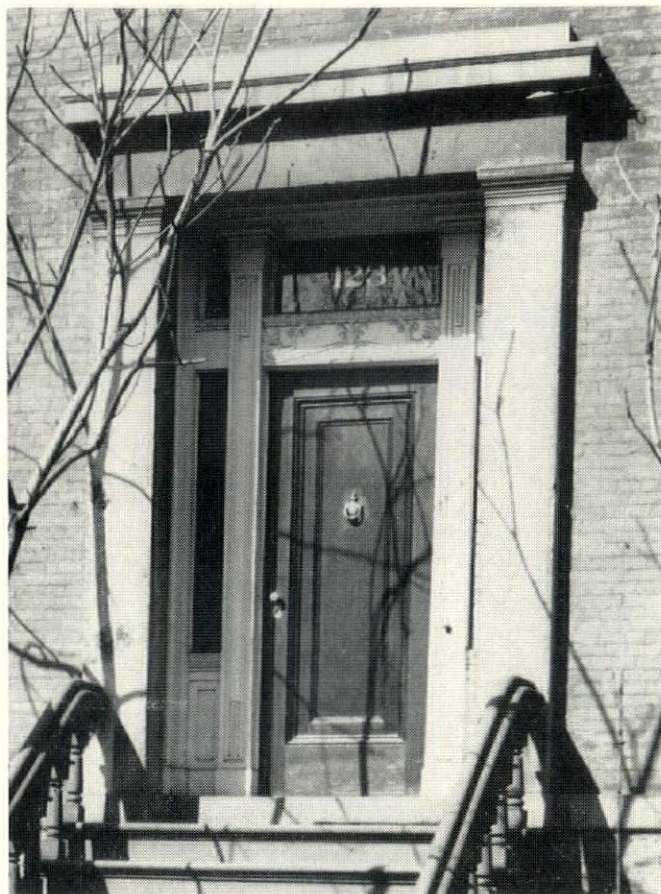
They developed many new profiles not based on Greek precedent. These various deviations from the classic Greek models considerably lightened and simplified the design.

In order to express the character of the material, wood, the pilasters were often paneled. In some pilasters a strip of wood, one-half to three quarters inches wide, was nailed near the edge of the panel and finished with rectangular loops at the top and bottom of the panel.

Even when stone was used to build the entrance, these innovations were more harmonious and in better scale, with the houses, small public buildings and churches of that era.

Although lacking in some of the grace and refinement characteristic of the Post-Colonial, the Greek Revival entrance is nevertheless dignified, harmonious and in good taste.

The simplest type of entrance consisted of a door with an architrave moulding framing the opening. Often crossettes commonly called "ears" were formed at the top of the door frames. The crossettes are lateral projections of the architrave mouldings of doors, as well as windows, and originated in Asia Minor, as



The stone pilasters on the Campbell-Whittlesey House are nine diameters high, and support a two-member entablature. Note that the pilasters on the mullions on each side of the door extend upward to the soffit of the frieze and the transom bar sets back and in between the mullions.

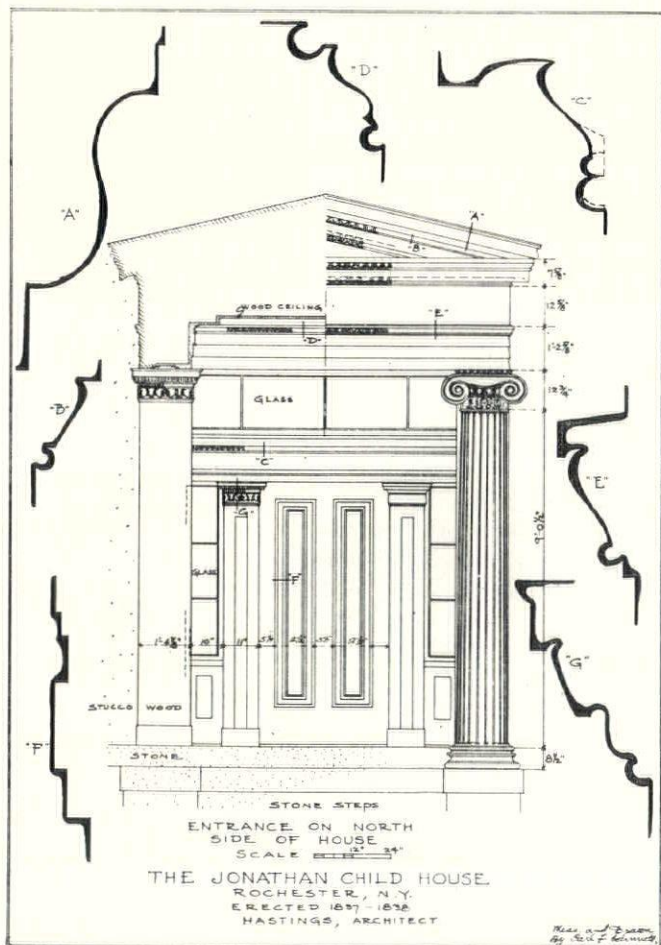
reminiscences of the projection of the ends of the lintel beyond the door posts. The moulding or band on the outside edge of the architrave is returned around the slight projections or ears. This type of door was often made into a more elaborate entrance by slightly battering or sloping the moulding on the outside edge so that the enclosed flat surface of the moulding is wider at the bottom than at the top. The wide enclosed surface is sometimes decorated with a series of applied carved rosettes. Of course, in the "wood architecture" of the Greek Revival the crossettes completely lose their original meaning. They were made any desired width. In many of the very simple cottages and farmhouses the band framing the entrance and forming the crossettes was merely a strip of wood about one-half inch thick and one and one-half to two inches wide.

This simple entrance is further elaborated by adding a cornice across the top and by extending the cornice and applying corbels or brackets at the ends of the crossettes.

The Post-Colonial entrance with pilasters or engaged columns flanking the door on either side, with a plain horizontal entablature or with the cornice member forming a gable, was easily transformed by changing the proportions and mouldings to correspond to the classic Greek details as illustrated in the builders handbooks.

The favorite motif of the Post-Colonial, the entrance door flanked by sidelights and a transom sash across the top, was very successfully adapted by the builders. The mullions between the door and sidelight

(Continued on Page 79.)



A Century of Progress with Steel

This country has grown with steel, the basic material of our national progress.

Steel crisscrosses the nation as rails, climbs the horizon as skyscrapers, glides along the highways and through the air. It takes us where we want to go, discourages would-be aggressors, saves lives in the skilled hands of a surgeon. Every product we use is either made of steel or processed by steel machines. It is the cheapest and most versatile metal used by man.

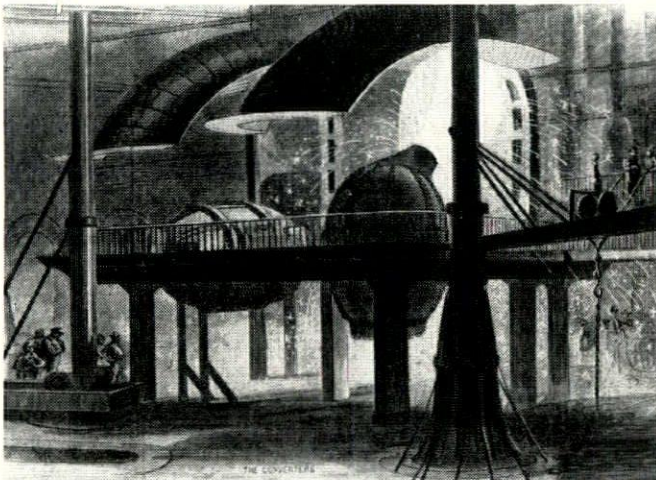
A world without steel? Unthinkable.

Yet the modern age of steel began only 100 years ago. Between April of 1856 and the end of 1857 something happened that was to change the face of the globe. Patent papers were issued to two men—Henry Bessemer in England and William Kelly in America. Working independently thousands of miles apart, these two men reported the discovery, almost simultaneously, of a pneumatic process which could make steel in large quantities, quickly and cheaply.

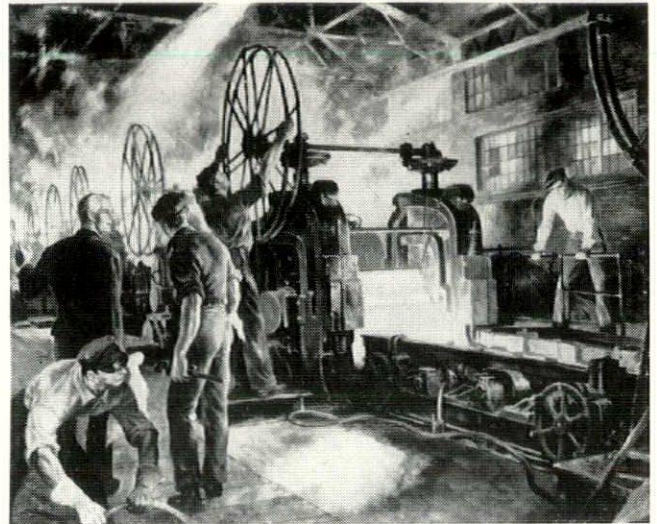
Although Kelly was declared the winner of American patent rights by virtue of "priority of invention," the rival patents were ultimately merged. The revolutionary process continued to bear the name Bessemer because he and his associates had the better facilities to advance it in the business world.

In such undramatic fashion occurred the technological breakthrough which was to spur the greatest century of progress in the history of man.

Up to that time, politically free Americans lived in almost the same kind of iron age that had existed in Egypt as early as 800 B. C. In 1857 most Americans



Woodcut of Bessemer converters in use about 1870.



Painting from *Steelways* magazine of the first continuous hot strip mill built at Ashland, Kentucky in 1923.

lived on farms. Mining and ironmaking were laborious; small quantities of steel could be made with great difficulty at high cost. Coal was a new fangled luxury. Factories were crude, largely powered with water. Heat in winter was scarce, lighting was dim and bathing was rare. Railroads were primitive and communications moved slowly. Yet, compared with other peoples, Americans were growing prosperous and income taxes were unknown.

Abundant, cheap steel quickly increased the tempo of America and American life. Steel rails fanned out, spinning a web across the nation, providing vital man-made links for commerce. Youthful, burgeoning American industry literally cut its teeth on Bessemer steel.

Many basic discoveries and inventions were awaiting only the wide availability of American made steel for their practical development and application:

Steel rails, first rolled at the North Chicago rolling mill in 1865, would long outwear those of iron. These steel rails were the forerunners of the structural steel shapes which would furnish economy and strength for modern factories, schools, skyscrapers and bridges.

The continuous rod mill, developed in 1869, made possible the long strands of wire for telegraph and telephone lines, fences for farms and grazing lands, and the great suspension bridges that were to span once unbridgeable American rivers. Stylish hooped skirts for the ladies comprised a lively market for wire produced in early mills.

Seamless steel tubing, first introduced in 1895 at Elwood City, Pa., satisfied the pent-up demand of the

bicycle industry, channeled the rise of the new oil and gas industries, and found numerous applications in manufacturing.

The first continuous rolling mill for producing steel sheets began operating in Ashland, Ky., in 1924. Few then anticipated its ultimate contributions in the form of streamlined, modern automobiles and work-saving household appliances.

Steel turbines paced the drive of the great power industries. And myriad steel machines in factory and on farm continued to spark rising productivity and living standards.

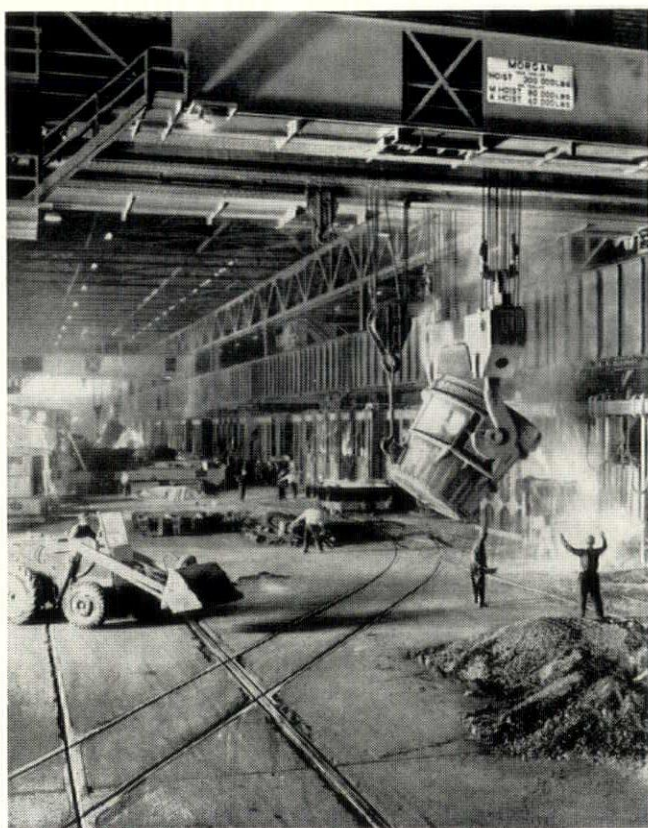
In 1870 American steel production was less than a third of England's and about half of Germany's. By 1890 America had become the world's greatest steel producer, a position she still holds by a wide margin.

In the 1870's the open-hearth steelmaking furnace brought greater flexibility to the industry. By 1908 its output had exceeded the production of Bessemer steel.

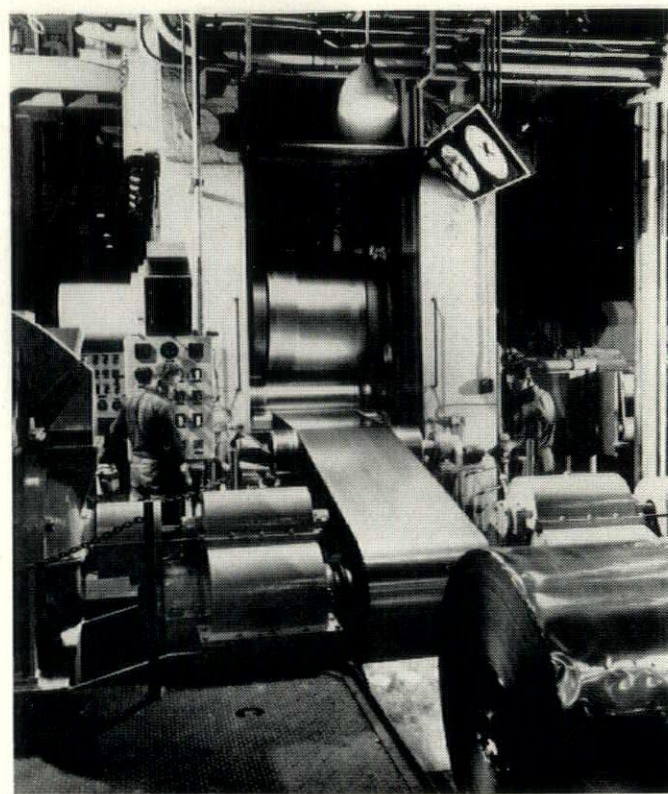
The electric furnace, introduced in 1906, became the source of special quality steels required for the precision machines and tools of modern industry.

Eighty-nine percent of today's steel is made in open-hearth furnaces, eight percent is produced in electric furnaces, and three percent is produced in Bessemer converters.

Today 85 companies are producing ingot steel in plants located in 119 communities in 28 states. Some 255 companies are finishing steel for the nation's markets.



Pouring molten iron into an open hearth at a modern steel mill.



Coils of steel rolling out of a two-stand tin plate mill at a modern steel plant.

Since World War II these companies have increased their capacity by 45 percent to 133.5 million net tons of ingots a year, and they are currently engaged in the largest peacetime expansion in the industry's 100-year history.

In terms of human effort, it requires the cooperation of more than 650,000 people working together in all types of jobs to operate this vast industry. The annual payroll is nearly \$4 billion, steelworkers being among the top 10 percent of manufacturing employees. And steel jobs are twice as safe as the average in all industry.

The steel industry is owned by 886,00 stockholders representing an investment of over \$10 billion.

With 100 years of accomplishment behind it America's steel industry stands at the threshold of its second century. With our rapidly expanding population calling for more and more goods made of steel or built with machines constructed of steel, the prospects for the future loom bright.

Across our nation a broad new highway program is just getting under way. The need for new schools, colleges, hospitals and churches is growing daily. Slums must be razed, skyscrapers built, warehouses, shopping centers and factories constructed to meet an ever growing demand. Special new steels are required for atomic research, guided missiles and in other phases of industry's fast changing technology.

The American steel industry is well prepared for an ever greater century ahead.



Chrysler Ohio Stamping Plant
Twinsburg, Ohio

Chrysler gains fire and moisture protection with *Lexsuco roofing*

● Chrysler Corporation has gained fire and moisture protection for their new 34-acre Stamping Plant in Twinsburg, Ohio, with a Lexsuco Fire-Retardant Roof Construction.

Lexsuco provides flame-resistant Koroseal Vapor Barrier, Non-flammable Lexsuco Adhesive R 907 T, and the Lexsuco Insulation Clip. The application of these products comprise the four Lexsuco Roof Constructions.

Fire and moisture are two major construction problems today. Factory Mutual tests prove that flammable asphaltic materials used between the roof deck and insulation will greatly contribute to the spread of fire within a building. Lexsuco Roof Constructions eliminate asphaltic materials and the resulting threat of fire. Moisture, unguarded, will permeate the roof deck and adversely affect the insulated built-up roof. This damaging condition is often hidden until beyond repair. Koroseal Vapor Barrier is assured protection from this hazard.

Lexsuco Roof Constructions have been tested and Classified Class I by Factory Mutual and approved by Factory Insurance Association.

When a Lexsuco system is used the need for automatic sprinklers is often predicated on occupancy requirements. Even when required, fewer sprinklers or a lower insurance rate may be a possibility.

Write today for information about this new concept in building fire protection. You can rely on Lexsuco.

LEXSUCO New York State District Representatives:

NEW YORK, NEW YORK

Squires and Cole

501 Fifth Avenue • New York 17, New York
Murray Hill 7-3836

ROCHESTER, NEW YORK

George Miller Brick Co.

734 Ridgeway Avenue • Rochester 13, New York
Glenwood 6500

LEXSUCO INCORPORATED • 4815 Lexington Avenue • Cleveland 3, Ohio • Express 1-3888

Building for the State of New York, 1790-1890

PART XI

THE NEW CAPITOL

HARLEY J. MCKEE

When Eidlitz, Richardson and Olmsted succeeded Fuller as Architects of the Capitol, they introduced a number of changes in the design, the greater number of them at the third and fourth stories. Construction of the legislative chambers, which form an important part of the functional core, was pushed forward. They were in use in 1881, and rooms for the Governor, Lieutenant-Governor, Insurance Department, Public Instruction, Adjutant-General, Inspector-General and Secretary of State were nearing completion by the end of the same year.

design of the building did not permit the addition of exterior buttresses, and Eidlitz scorned the use of tie rods in such a room. Columns, ribs and panels were constructed, but some stones cracked and had to be replaced even before the Assembly moved in. The architect considered such minor cracks a normal result of adjustment; some other people were more concerned. In the latter part of 1881 the "American Architect and Building News" carried an interesting interchange of letters between Eidlitz and H. W. Fabian relative to the vault. Fabian published a detailed an-

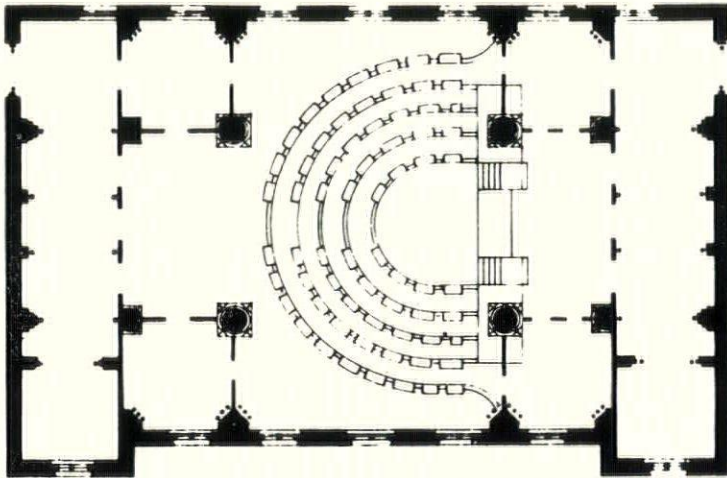


Fig. 1.

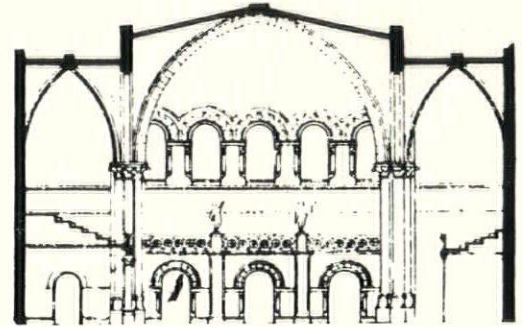


Fig. 2.

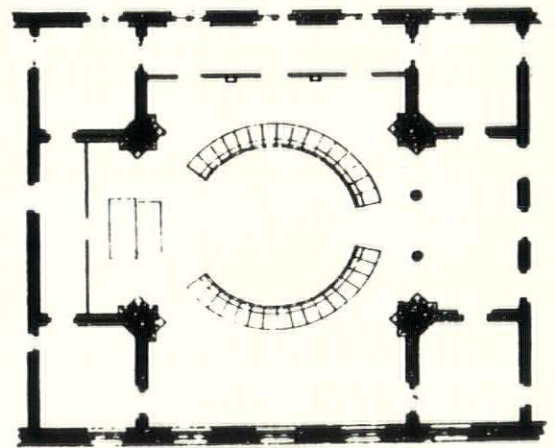


Fig. 3.

LEGEND.

FIG. 1.—GROUND PLAN OF ASSEMBLY CHAMBER.

FIG. 2.—LONGITUDINAL SECTION OF SENATE CHAMBER.

FIG. 3.—GROUND PLAN OF SENATE CHAMBER.

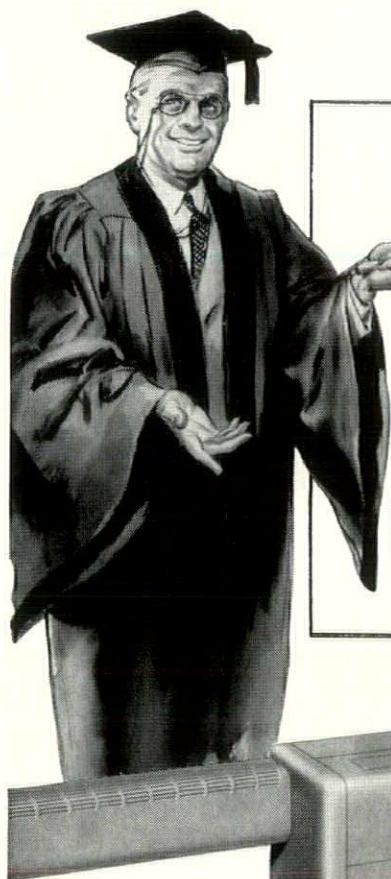
Whether it was appropriate or not—and there is much to be said on both sides—it was clear by this time that the people of the State of New York were buying a building which was primarily a monument. This fact can be demonstrated by the proposal to erect masonry vaults over the legislative chambers, as illustrated by the drawings reproduced from the March 11, 1876, "American Architect and Building News." Both rooms were to be similar in general design, although differing in size and detail. In actual development, Richardson devoted himself to the Senate Chamber and Eidlitz to the Assembly Chamber. Since Richardson's part of the work is the better known, the story of the Assembly Chamber will be told here.

The foundations and walls of the Capitol had been constructed to carry a wooden or iron ceiling over the Assembly Chamber. To place a vault at the upper part of the building, with a central bay about 35' by 45' in plan, rising about 60' above the floor of the chamber, was a daring and imaginative accomplishment. The

analysis and pointed out what he considered to be faults of design; failure was bound to occur—it was just a matter of time. Eidlitz replied that evidently the structural analysis had not been based on true facts; the theory was also incorrect. Fabian retorted that his calculations had been based on the drawings furnished by Eidlitz and on his explanation of the loading.

By the summer of 1882, cracks having appeared at various points throughout the building, the Governor thought it advisable to appoint an investigating committee. In October a report was made by W. P. Trowbridge, Charles Babcock and George B. Post. The cracks seemed to them normal in a large masonry building, except that those in the Assembly Chamber and closely adjoining areas were more consequential. It was recommended that the vault be taken down and replaced by a lighter wooden structure. Eidlitz, Richardson and Olmsted disagreed about the vault; there was "nothing in the condition of the ceiling to war-

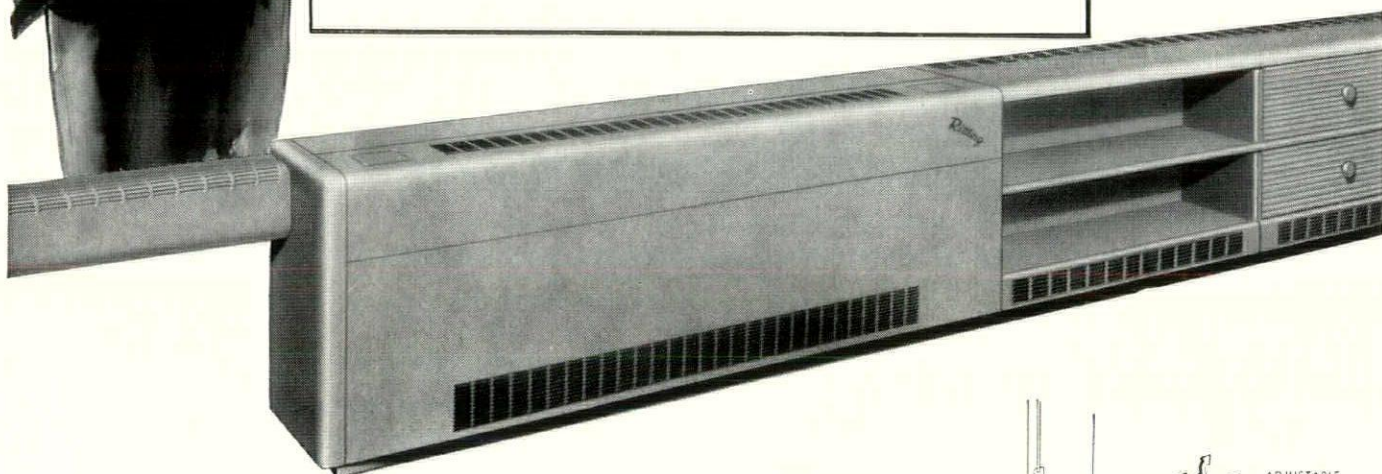
(Continued on Page 81.)



Rittling

SCHOOLMASTER UNIT VENTILATORS

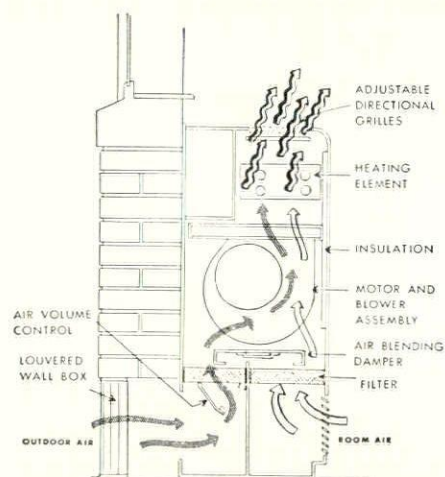
**THEY HEAT
AS THEY
VENTILATE
AS THEY
FILTER
AS THEY
CIRCULATE**



► In appearance, in low sound level, in economy of first cost, installation cost and maintenance, RITTLING SCHOOLMASTER Unit Ventilators meet the exacting standards of the architect, engineer, school personnel and codes.

RITTLING SCHOOLMASTER design is adapted to standard control units giving any desired heating and ventilating cycles based on load requirements.

Five RITTLING SCHOOLMASTER sizes give the correct answer for every room, — large and small. They are available with open and closed storage units and full length Rittling Sil-Vector Radiation. Write for full information and name of your Rittling representative.



Cross section of RITTLING SCHOOLMASTER shows flow of outdoor and recirculated room air as it flows through dampers, filters, blowers and heating element.

SEE THE COMPLETE
RITTLING LINE
at
BOOTH NO. 1
HOTEL STATLER — BUFFALO
September 19, 20, 21

THE *Rittling* CORPORATION

RITTLING BUILDING BUFFALO 5, N. Y.

Warehouses—Buffalo, Albany, Philadelphia, Chicago

Representatives in Principal Cities

P R E S T R E S S E D C O N C R E T E

FLOOR SLABS TO 40' 0" CLEAR SPAN

ROOF SLABS TO 60' 0" CLEAR SPAN

BLEACHER SEATS • BRIDGE SECTIONS

JOISTS • PILING

Manufactured By

FRONTIER

Dolomite

CONCRETE PRODUCTS CORP.

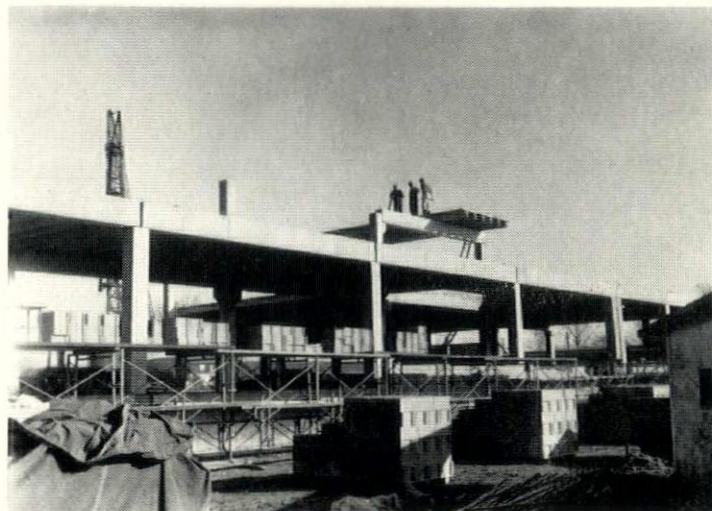
P. O. BOX 436

LOCKPORT N. Y.

Construction scene as 38' span double-tee roof section is being placed on 3rd floor addition to the Whitworth Telephone Building, Niagara Falls, N. Y.

Architect: Cannon, Thiele, Betz, & Cannon

Contractor: Walter S. Johnson Bldg. Co., Inc.



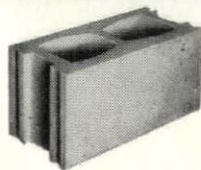
Construction scene at the new Albert Godde Bedin Plant in Depew, N. Y. showing prestressed double-tee cantilever. This is one of the first precast, prestressed concrete frame buildings in the State of New York. Columns, beams, floor and roof sections erected in 9 working days.

Architect: John R. Weber, New York City

Contractor: George W. Walker & Sons, Inc.

3,840 square feet of prestressed double-tee floor and roof slabs are being produced daily on two 420' long and one 120' long prestressing beds. Prestressed beams, piling, bridge sections, and other special shapes are produced on a special 120' long flat bed.

We invite your consideration of *Dolomite* Limestone Block, with the Mortar Groove Lock— for greater dimensional stability.



STANDARD 8x8x16 DOLOMITE BLOCK with vertical mortar grooves in end flanges to increase bond and key block in the wall.



Dolomite DAN SAYS,
"BUILD IT RIGHT. USE
Dolomite"

FRONTIER *Dolomite* CONCRETE PRODUCTS CORP.

P. O. BOX 436

LOCKPORT, NEW YORK

THAT NECESSARY EVIL—THE ARCHITECTURAL ENGINEER

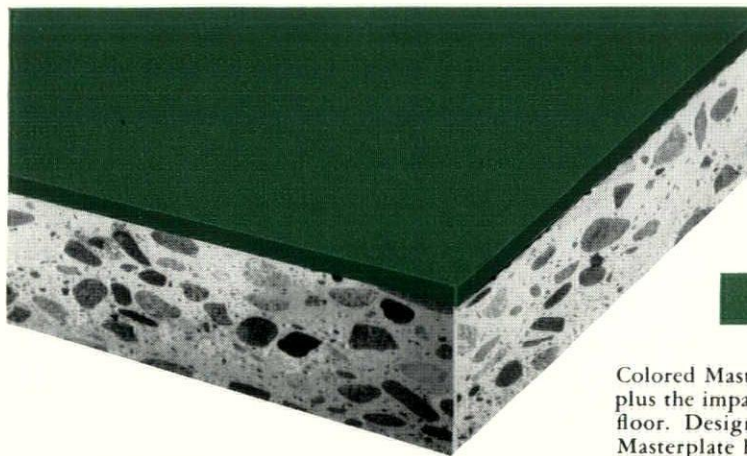
BY THOMAS H. MCKAIG

Do you remember,
—when we had to have a big overhanging cornice on every office building or hotel,
—when we figured ninety dollars a ton erected for the steel structure and if we had to pay more we had an expensive design,
—when we designed 1:2:4 concrete, at a fiber stress of 650 psi in bending,
—when you first heard about soil mechanics or rigid frames, or thin shell construction.
—when the fiber stress for steel was raised from 16,000 psi and what a squawk there was about the safety of buildings—much more of a squawk than when it went to 20,000 psi later on,
—when we had to detail a cast iron brace for every steel column,
—when we substituted the first steel H section column for the old built-up plate and angle sections,
—when the largest rolled section you could get was

the 24", standard I beam at 115 pounds per foot,
—when we used to use the "whiskered I bar," for reinforcing steel in concrete beams, (this really is an old one),
—when it was the thing to do to put plenty of water in your concrete mix so that it would flow in around the bars without danger of honeycomb.
—when the contractor protected his concrete walls, against damage by frost by using a manure backfill above ground,
—the period when portland cement mortar came to the front, to such an extent that it was considered a mortal sin to use as much as ten percent lime?

If you remember any of the above, I've got you dated. The fact that I know enough about it to ask you the questions, definitely dates me. You don't have to be quite as old to remember the guy who put off building, "until prices come back to normal." He is still waiting.

LIFETIME COLOR FOR CONCRETE FLOORS



COLORCRON

Adds deep color beauty to concrete floors and walks complimenting any architectural or decorative treatment. Available in eleven light-fast, alkali-fast pigments that assure uniform color beauty to enhance the appearance of any structure.

MASTERPLATE

Colored Masterplate provides all the color advantages of colorcron, plus the impact and abrasion resistance of the "iron-clad" Masterplate floor. Designed to meet the heavy demands of modern traffic, Masterplate has established an unmatched record during nearly 50 years of industrial use.

New, Improved Colorwax cures and waxes in one easy operation. This curing wax is quickly applied with roll-on applicator to protect colored concrete floors from moisture loss during crucial curing period. Buffs to a beautiful satin-like sheen when structure is ready for occupancy.



THE MASTER BUILDERS co.

—Division of American-Marietta Company—

60 East 42nd Street
New York 17, New York

1965 Sheridan Drive
Buffalo 23, New York

PROMPT DELIVERY



on **CARTWRIGHT & MORRISON** **Timber Trusses**

Special Cartwright & Morrison roof trusses 120 feet in span over the Dutchess Co. airplane hangar permit Convairs to be housed with minimum side wall heights.

For **ECONOMICAL, DEPENDABLE ROOF TRUSSES** of any type and span, designed and fabricated to meet your requirements, delivered and installed promptly when you need them, **SPECIFY TIMBER ROOF TRUSSES** by Cartwright & Morrison, Inc., of Holcomb, N. Y.

Quotations furnished promptly on request. Sample prints or preliminary sketches are available to architects and engineers. Complete detail prints are furnished on receipt of customer's order.

We do not make "standard" trusses. Each roof structure is individually estimated, designed detailed, and built to give the builder the best possible value for his money. Much of our work is in cooperation with outstanding architects, engineers, and builders, who require sound engineering design, attractive appearance, good materials and workmanship, and prompt delivery. Repeat orders, up to 8 or 10 contracts, are usual in our business.

All important to the builder, our trusses are on the site when promised.

Experienced Field Representatives in New York State

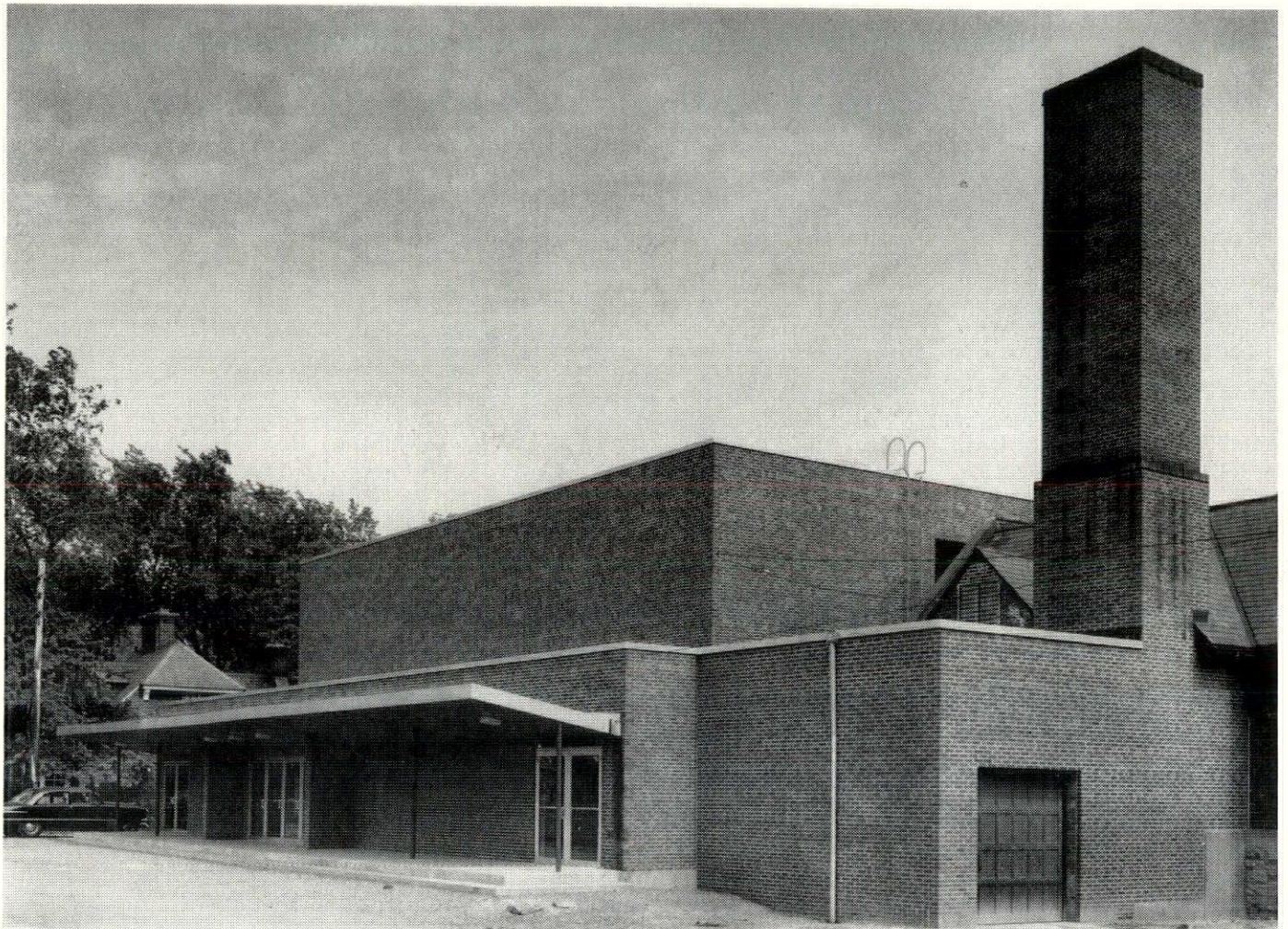
STEWART MORSE

—

DONALD McWILLIAMS

—

RICHARD ROCHOW



NICHOLS SCHOOL GYM, BUFFALO, N. Y.

BACKUS, CRANE & LOVE, *Architects*

SIEGFRIED CONSTRUCTION CO., *Contractors*

BRICK **for beauty** **and** **durability**

The use of brick is the perfect answer to today's demand for naturally durable and beautiful building materials. And they offer an almost unlimited range of colors and textures to fit any decorative scheme.

PARAGON SUPPLY, INC., SYRACUSE, N. Y.

ACME SHALE BRICK CO., INC., BUFFALO, N. Y.

SYRACUSE BRICK CO., SYRACUSE, N. Y.

CONSOLIDATED BRICK CO., INC., HORSEHEADS, N. Y.

JOHN H. BLACK CO., BUFFALO, N. Y.

WECKESSER BRICK CO., ROCHESTER, N. Y.

MOHAWK BUILDING MATERIALS CORP., RENSSELAER, N. Y.

HUTCHISON-RATHBUN, INC., ROCHESTER, N. Y.

THE BELDEN-STARK BRICK CORPN., NEW YORK CITY

BINGHAMTON BRICK CO., INC., BINGHAMTON, N. Y.

BUFFALO BRICK CORP., WEST FALLS, N. Y.



IN CHURCHES . . .



. . . IN HOMES . . .

Beauty and Distinction with

CONCRETE MASONRY UNITS

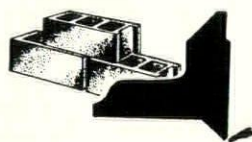
The last word in enduring beauty and distinction is easily attained when you build with Concrete Masonry. No other material offers such a wide variety of sizes, shapes and textures.

The walls—inside and out—can be laid up in any of many distinctive patterns and can be left exposed or finished in your choice of lovely colors.

The beauty of Concrete Masonry is indelible. Sturdy Concrete Masonry construction stands staunch against time and the elements. And it is practically maintenance free.

Visit Our Exhibit—Booth No. 52.

- ALFRED, N. Y.**
Southern Tier Concrete Products Co.
- AUBURN, N. Y.**
Auburn Cement Products Co., Inc.
- BALDWIN, N. Y.**
Nassau Concrete Products Corp.
- BEDFORD HILLS, N. Y.**
Bedford Hills Concrete Products Corp.
- BINGHAMTON, N. Y.**
Bowen Building Block & Supply Co.
Building Block Div., Cutler Ice Co.
- BROOKLYN, N. Y.**
Nailable Cinder Block Corp.
Picone Bros. Builders Supplies, Inc.
- BUFFALO, N. Y.**
Anchor Concrete Products, Inc.
- COOKSVILLE, ONT.**
Argo Block Co., Ltd.
- ELMIRA, N. Y.**
Elmira Block, Inc.
Latta Brook Corp.
- FALCONER, N. Y.**
Marietta Concrete Corp.
- GLENS FALLS, N. Y.**
Dempsey's Concrete Products
- HAMILTON, N. Y.**
Cossitt Concrete Products, Inc.
- INWOOD, L. I., N. Y.**
A. Pollera & Sons
- JAMESTOWN, N. Y.**
Hildom Cinder Block Co.
- LOCKPORT, N. Y.**
Frontier Dolomite Concrete Products Corp.
- PATCHOGUE, L. I., N. Y.**
Allco Concrete Products Co.
- PHELPS, N. Y.**
Phelps Cement Products, Inc.
- ROCHESTER, N. Y.**
Comac Builders Supply Corp.
Domine Builders Supply Co., Inc.
Flower City Builders Supply Corp.
Rappl & Hoenig Co., Inc.
- ROME, N. Y.**
Cataldo Brothers & Sons, Inc.
- SCHENECTADY, N. Y.**
Dagostino Building Blocks
- SMITHTOWN, N. Y.**
Smithtown Concrete Products Corp.
- SYRACUSE, N. Y.**
Barnes & Cone, Inc.
Tony Nuzzo & Sons, Inc.
Andrew Susco & Son
- THOROLD, ONT.**
Thorold Concrete Block Co., Ltd.
- WATERTOWN, N. Y.**
Taylor Concrete Products, Inc.



NEW YORK STATE *Concrete Masonry* ASSOCIATION, INC.

HEADQUARTERS OFFICE: 1 NIAGARA SQUARE, BUFFALO 2, N. Y.

Copyright 1957, New York State Concrete Masonry Association, Inc., Buffalo, N. Y.

A NEW FRONT IN ARCHITECTURE

BY CARL M. MANN

Managing Editor—"The Specifier"

History has a way of spinning its web at a fast clip in the Nation's Capital. Excitement is never completely lacking. New organizations blossom in Washington overnight. A few of them erupt into the headlines with a brassy blare of trumpets, then fizzle like the proverbial Fourth of July skyrocket. Other less glamorous organizations like the CONSTRUCTION SPECIFICATIONS INSTITUTE, sparked by a worthy mission, armed with ideals shaped to bring real benefits to the building industry, cornerstone of our nation's business, are launched quietly by dedicated men. They take firm root and live to light the way for noteworthy professional achievement.

CSI is a Capital-born organization. In the space of nine years, it has grown into a national organization without fanfare and has never been very close to what might be called a blaze of glory. Its coffers, supplied by dues-paying members, have never bulged with surplus cash. Actually, its beginning, in 1948, was about as noisy as a neighborhood soap box derby, and with about the same impact on the Washington scene.

Now, after nine years of toil, which followed its awkward, un auspicious bow into the world, CSI represents a dynamic "new" power in the construction field.

CSI now labels itself "one of the youngest, fastest growing, most essential professional groups in the building industry". The organization, and its national headquarters in Washington, serves as the rostrum and open forum for a swiftly rising, highly skilled group of men who are busy raising a long-deserved canvas to shelter its own profession, known as "specification writing".

While the work of specification writing itself has long been a vital, special kind of job within the sphere of architecture and engineering, the men who actually write specifications along have been deliberately slow in planting the seeds that bloom into professional stature with solid tradition. However, these men are now beginning to know their own strength, and specification writing bids fair to emerge before too long as a virile, fully mature off-shoot of both architecture and engineering.

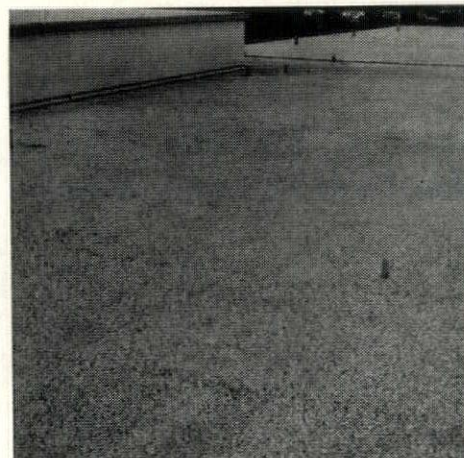
While CSI is reaching for maturity, a fascinating list of potential names for the budding new profession of specification writing is being bandied about within limits of its membership circle. The two that perhaps come closest to hitting the nail squarely on the head are "Specificator" and "Specifier." In print, beside the titles of Engineer and Architect, neither looks bad. Time will tell, however. There's bound to be some red-hot wrangles, log-rolling and rugged set-

Johns-Manville AQUADAM Built-Up Roofs *assure longer roof wear at no extra cost!*

Johns-Manville Aquadam Built-Up Roofs, either slag or smooth surfaced, owe their superiority to Aquadam . . . the special bituminous asphalt cementing agent developed by Johns-Manville and employed in the application of roofing felts. Specifically designed to give the best possible protection to a building and its contents, Johns-Manville Aquadam Built-Up Roofs have these proven advantages.

- Maximum Weather Resistance
- Greater Resistance to Cracking
- Improved Self-Healing Properties
- Excellent Kettle Stability
- Greater Adhesion—Stronger Bond
- Exceptional Resistance to Water

For complete information about Aquadam Built-Up Roofs, see your approved Johns-Manville Contractor or write:



Aquadam Built-Up Roofs are designed for roof decks with inclines from dead level to 1/2" per foot.



Johns-Manville

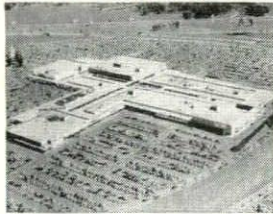
22 East 40th Street,
New York 16, New York

To Design and Build Better— **ZONOLITE®** Products Help **4 Big Ways**

1. SPEED UP, Cut Costs, with Zonolite Plaster Fireproofing

Uniform—the acknowledged "lightweight champion"—handles easily, fast, by hand or machine. Cuts building time and costs. Economical. Has highest fire rating.

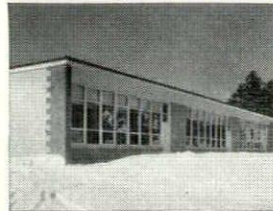
Gulfgate Shopping City, Houston, Texas
Arch.: John Graham & Co.
Plast. Contr.: Tobin & Rooney



2. KILL NOISE with Zonolite Acoustical Plastic

Rated among the best sound absorbents. Applies quickly, sticks even to underside of concrete and galvanized metal. Incombustible, often cuts insurance premiums. Economical, often used in places usually left acoustically untreated.

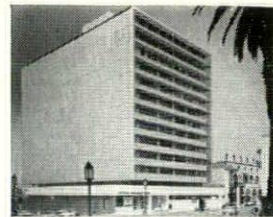
Bedford, N. H. School
Arch.: A. J. Majeski
Plast. Contr.: J. F. McGranahan



3. CUT WEIGHT, Get More Space, with Zonolite Portland Cement Plaster Back-up

$\frac{1}{8}$ to $\frac{1}{4}$ as dense as heavier materials used in spandrels, panels and curtain walls. Wind resistant. Cuts deadweight, increases usable floor space. Quickly applied, permanent.

3325 Wilshire Blvd. Bldg., Los Angeles, Cal.
Arch.: Victor Gruen
Plast. Contr.: Martin Bros.



4. FIREPROOF Underside of Steel Floors by New Direct Application Technique

Have 4-hr. rating with Zonolite fireproofing machine-applied directly to underside of steel floors. Eliminate 1 story of dead space for every 14 floors of construction.

Harvey Dept. Store, Nashville, Tenn.
Arch.: Marr & Holman
Plast. Contr.: Brown & Davies



The values inherent in Zonolite vermiculite aggregates translate into many benefits: Lighter weight, lighter and less costly construction, quicker application, fire-safety, sound control, permanence. Get the whole story. Mail coupon now for technical data.

ZONOLITE®
"the time-tested lightweight champion"

Zonolite Company, Dept. ESA 9107
135 S. LaSalle St., Chicago 3, Ill.

Please send booklet PA-32 and CA-19 with full details on Zonolite plaster, concrete and acoustical systems.

Name _____

Company _____

Address _____

City _____ Zone _____ State _____

to's within the ranks of a group of men whose careers are built around hair-splitting tasks before they come up with a label that pleases all hands. In spite of the fact that etymology is not the sole forte of the specification writer, there are few jobs more deeply imbedded in the art or science of sharp calculations and razor-edged definitions.

The Construction Specifications Institute, incorporated in the Free State of Maryland, is aptly described as one of the slow starters. It got away from the barrier in 1948 with next to no momentum, stoking its fire with patience and fortitude. Today, however, the rock-ribbed building business, and its architects, engineers and big wheels from Coast-to-Coast, are finally lending it an attentive ear. Betting that CSI will be entrenched in Washington for the long haul are some of the town's slickest opportunists. Among these are not a few who have made fancy careers out of latching onto promising "causes" while they were still in swaddling clothes. Shysters, however, have steered clear of CSI's coat-tails. Quick dealers have never been known to get chummy with any new outfit that holds little promise of becoming a springboard for soft touches and picking up easy money.

Out to accomplish a tough, oftentimes thankless task, CSI is a non-profit organization, brain-child of the little band of architects, engineers and specification writers who set up shop in 1948. When the hardy pioneer crew pledged itself to improve its lot, christened its ship "C.S.I.," initials of the fledgling Institute, and sailed into the future, its mission quite simply was to bring greater unity to the specifications field which had for so long been a trouble-spot in this one facet of construction, in Government as well as in industry.

It probably is just as well that the original group, numbering no more than thirty men, had no power-hungry champion with a pocketful of banknotes to launch its enterprise. Funds came from what each member could spare from a modest paycheck. Chances are CSI would have failed had it pitched its tent in plush quarters, put up fresh new signs and uncorked a round of free-flowing cocktail parties as a curtain-raiser. So many embryo groups follow this pattern to oblivion. It's just as well, too, that CSI didn't come to town, as do numerous down-at-the-heeleders, in tatters and rags, palms up-raised, and with zeal as hot as molten metal.

CSI's original organizers were steady men with work-a-day jobs in architecture, engineering and construction, mostly veteran Government employees. Their gospel was a singular one—but to each man it had a priority and a purpose, come hell or high water. From its first infant wail, the Institute was not inclined to be the type of new outfit that slowly cracks the surface, then promptly dies on the vine. And neither was it in the cards for CSI to withdraw from the shock waves emanating from political explosions or jolts from the bouncing ball of world events.

Its founders were men who had either watched closely or participated in the crazy rhythm of construction through the dizzy World War II and post-war eras. They knew what was needed and what they wanted. And they were wise to the perils of political turbulence where it affected the building business. They were armed with the courage of conviction, with ears as sharp as sonar gear at picking sub-face



ONONDAGA COUNTY
OFFICE BLDG.

ARCHITECTS
KING & KING

ELECTRICAL
CONTRACTOR
BEC ELECTRIC CO.

FOR DEPENDABILITY BEYOND A DOUBT

ALWAYS SPECIFY **P&S**

In the modern new Onondaga County Office Building in Syracuse, New York—as in more and more buildings across the country—planners used the complete line of Pass & Seymour wiring devices for super-tested, thoroughly proved trouble-free performance.

The famous precision-engineered P&S 20-AC1 Switch was among the devices chosen. It operates quietly, yet electrical contact is firm and positive. Can be used at full-rated capacity on fluorescent and tungsten filament lamp loads. Features positive kickoff, back or side wiring terminals, oversize long-life silver alloy contacts.

The P&S 1530 Duplex Outlet was picked for its long heavy-duty life. Rated at 15

Amperes, 125 Volts, it features precision-formed double grip contacts, T-slots and washer ears. Strap is enclosed and completely insulated for extra protection.

Intensive research, expert engineering and more than 67 years of specialized experience are behind every Pass & Seymour device. Their long-life, low maintenance reliability will add to your reputation.

For information on any of the long line of dependable P&S devices, write Dept. ESA-2.



20AC-1



1530 OUTLET



PASS & SEYMOUR, INC.

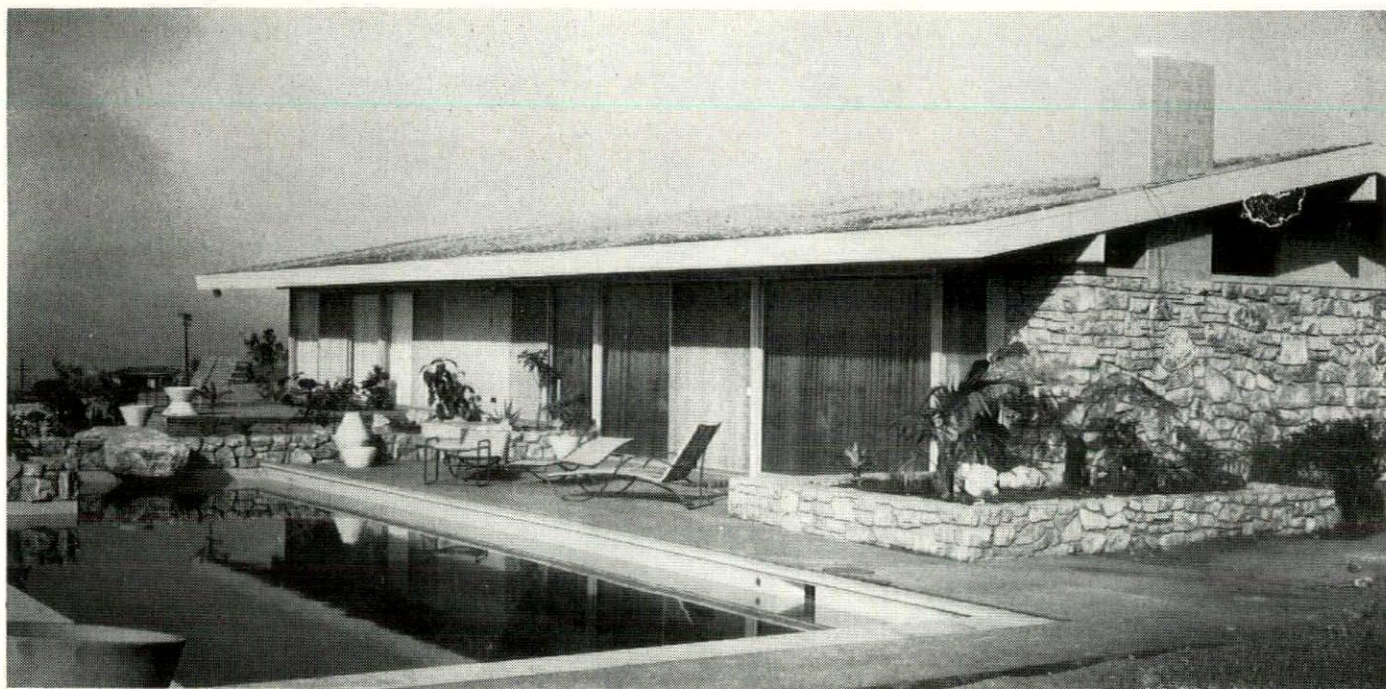
SYRACUSE 9, NEW YORK

60 E. 42nd St., New York 17, N. Y. 1440 N. Pulaski Rd., Chicago 51, Ill.
In Canada; Renfrew Elec. & Refrig. Co., Ltd., Renfrew, Ontario

MAKE THE COMPLETE JOB COMPLETELY P&S



NORTH, EAST, SOUTH, WEST — *wherever they're building houses —*



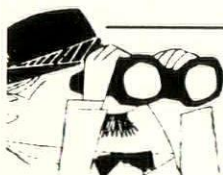
STRONGHOLD and SCREW-TITE Nails were specified exclusively for Research House '56, overlooking the Pacific from above Palos Verdes Drive South, Los Angeles. Architect: Daniel Dworsky, AIA. Builder: Bert Pinckney and Associates.

They're building better with **STRONGHOLD®** Threaded Nails

STRONGHOLD® and SCREW-TITE® Threaded Nails have revolutionized construction methods. They make house frames up to 5.7 times as strong—keep wood floors or underlayment smooth, tight and squeak-free—virtually eliminate “popping” nail heads that mar beautiful gypsumboard drywall—hold shingles tight in winds up to three times hurricane force. They save you money; enable you to upgrade lower grades of materials; use slimmer nails, shorter nails, fewer nails—and less material.

WRITE US FOR HANDY SAMPLE BOARD with more than 50 “Stronghold” and “Screw-Tite” Nails, covering every application in building construction. We'll include a bound volume of authoritative data resulting from the continuing program of scientific laboratory research carried on under our sponsorship at Virginia Polytechnic Institute by Dr. E. George Stern, Director, Wood Research Laboratory. Always specify “Stronghold” and “Screw-Tite” Nails by name; do not accept substitutions.

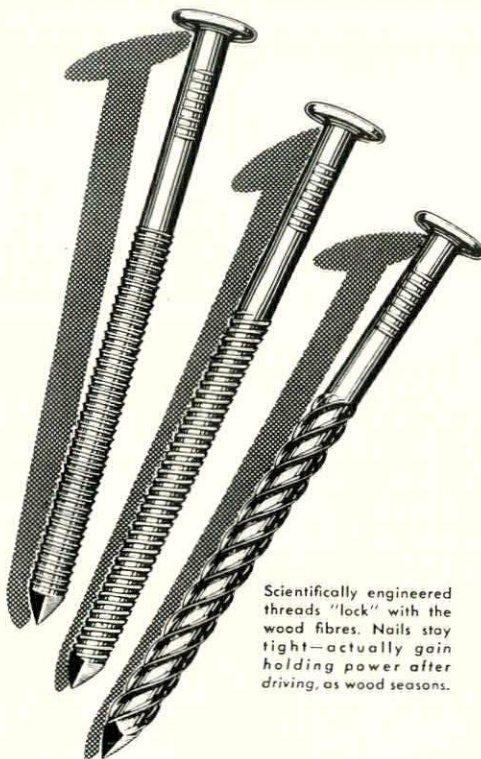
INDEPENDENT NAIL & PACKING COMPANY
Bridgewater, Massachusetts



See Us in Booth 28

NEW YORK STATE ARCHITECTS' CONVENTION

Hotel Statler, Buffalo • September 19, 20, 21



Scientifically engineered threads “lock” with the wood fibres. Nails stay tight—actually gain holding power after driving, as wood seasons.

© Copyright Independent Nail & Packing Company, 1957



Trade Marks Registered U. S. Patent Office

“DRIVES LIKE A NAIL... HOLDS LIKE A SCREW”®

signals of legitimate hope and bright promise from the raucous din and hubbub of Washington.

They, like all professional groups linked with architecture, engineering and contracting, had long felt the crying need for greater uniformity, higher standards, and a more refined ethical approach in the writing of construction specifications. And as a little footnote to this history, until CSI began feeling its way into the field, specification writers as a group were unorganized, generally shunted into the background, leaving the "glory" and the richest rewards to others closer to the feed bag. It was the time-honored custom to give little thought to specification writers, while the engineer, architect, and occasionally a handful of lawyers, proceeded to "package a building deal" with a set of plans, specifications and an airtight contract. Meanwhile, it fell to the lot of the anonymous specification writer to make certain he had plugged up the technical leaks, provided the missing links and had shored up any weak decisions wrapped up in the project contract.

It is not difficult to detect the logic in working for better specifications. For example, glancing at his favorite trade or professional journal, the architect or engineer cannot help but be amazed at the fantastic sums involved in the building boom that staggers his own imagination. Yet to themselves, the architect, engineer and contractor wince at the figures. They know that king-sized slices of these total money outlays will represent hard cash to pay for untangling legal snarls in court-litigation that stems with monotonous regularity from poorly written, faulty specifications. And they wonder: "What is the answer to this costly riddle?"

It is gradually dawning on larger and larger incre-

ments of hard-bitten construction leaders, that millions are lost which otherwise could be profit, if more attention were accorded specifications and the little-publicized men who write them. Thus, with the dollar sign hanging high, the bandwagon for improved specifications, is, indeed, beginning to recruit enthusiastic followers.

The Goal of CSI is to ...

EFFECT closest association and cooperation with the best architectural and engineering talent in the construction industry in the major effort to improve construction specifications.

COOPERATE with architects, engineers, research organizations, government authorities, contractors, equipment and material manufacturers, and professional specification writers, all of whom realize the vital necessity for developing concise, clear-cut, down-to-earth specifications as a protection for the interests of all parties concerned.

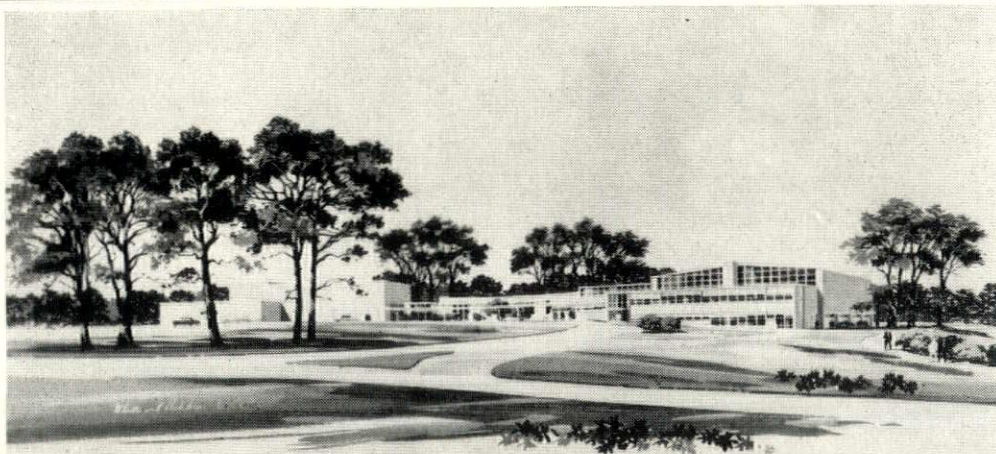
WORK toward reduction of the multitude of specification formats and the adoption of more uniform and consistent methods of specifying, saving time and money thereby.

DISSEMINATE information concerning specifications, developments, and improvements in construction practices.

PROVIDE a pool of the best specification data available in the construction field for the mutual benefit of all.

ENABLE each member of CSI to contribute his personal knowledge and experience toward improving the welfare of the construction industry.

CONSIDER specification problems in their proper perspective, with relation to the project as a whole.



James Romeo & Associates, General Contractor

Moore & Hutchins, Architects

CONCRETE PLANK ROOFS FOR SCHOOLS

FOX LANE SCHOOL, BEDFORD, N. Y.

CONCRETE PLANK CO., Inc.

15 EXCHANGE PLACE

JERSEY CITY 2, N. J. Henderson 4-1401

New York City Phone Digby 9-2450

SEWAGE DISPOSAL

BY MALCOLM B. MOYER

One of the most essential elements of any structure is in its plumbing system and with schools and other institutions being located away from community sewer systems the problem of providing a proper method of disposal of the sewage effluent becomes a vital one.

Recently a number of the tile fields used in connection with sewage disposal have been giving trouble.

Investigation of one such case revealed a flagrant deviation from the specified gravel surrounding the distribution pipes.

This installation is located in a remote part of the Adirondacks and the selected Contractor was a plumbing firm in one of the small cities near by where they normally are operating without Architectural supervision.

The complaint on this tile field was that during the peak load a stream of sewage effluent would break out from the end of the distribution field.

Several sections of the distributor pipe were uncovered and it was found that the so called gravel was nothing more than a coarse concrete type sand. The pipe was "Orangeburg" with $\frac{3}{4}$ " perforations at 4" intervals. The sand had packed so tightly into the holes that the area around it was dry.

Instead of using tile fields or Orangeburg distributors, where possible, we have been using cess pools formed with concrete blocks laid on their sides and surrounded with a twelve inch layer of stone of four to six inches in diameter. The advantage of this type of disposal is in its capacity to receive and store the surges from the septic tank. Leaching from this cess pool is faster than from a field of pipes.

A good solution to the leaky tile field would be to attach an appropriate leaching cess pool to the end of the distributor pipe. It was so recommended.

Hotel Statler

BUFFALO

A HILTON HOTEL

YOU and your guests may be sure of a gracious welcome at Buffalo's distinguished hotel. Attentive service, superb food, and appealing entertainment are a cherished tradition at Hotel Statler.



THE LOUNGE BAR

Specializing in hearty luncheons or light snacks served from the Copper Buffet. The barmen are experts, the liquor the finest obtainable.



THE TERRACE ROOM

One of Buffalo's most beautiful dining rooms. Open for luncheon for those who prefer distinguished surroundings.



THE RENDEZVOUS

A bright night spot with heavenly music . . . delicious food . . . flaming sword service. A rendezvous for dinner and supper dancing.



Hengerer's Amherst

MAIN and EGGERT

"THE SUBURBAN STORE BEAUTIFUL"



CONSTRUCTION-EERED BY SIEGFRIED

QUALITY WORKMANSHIP ON A "RUSH" SCHEDULE

had to be tastefully modern, in the Hengerer's tradition. It had to be carefully built to serve the large Amherst and North Buffalo public. But it had to be built to a tight 7-month schedule for the Easter opening! It was complicated by a shortage of structural steel...

But to Siegfried, speed and workmanship go together. The steel problem was solved by the use of heavily reinforced concrete walls. Each phase of the job was timed smoothly, and the 99,922 sq. ft. structure was completed on schedule... with another highly pleased client to add to those Siegfried has served these 23 years.

Your project will receive the same careful planning, workmanship and swift execution when you call on Siegfried Construction-eering... and you'll find the Siegfried organization easy to work with. The phone number is ELMwood 4124.

HENGERER'S AMHERST STORE

*James, Meadows and Howard,
Architects*

*The Raymond Loewy Corp.,
Industrial Design Consultant*

*Stuart Collins,
Structural Engineer*

*Siegfried Construction Co., Inc.,
General Contractor*



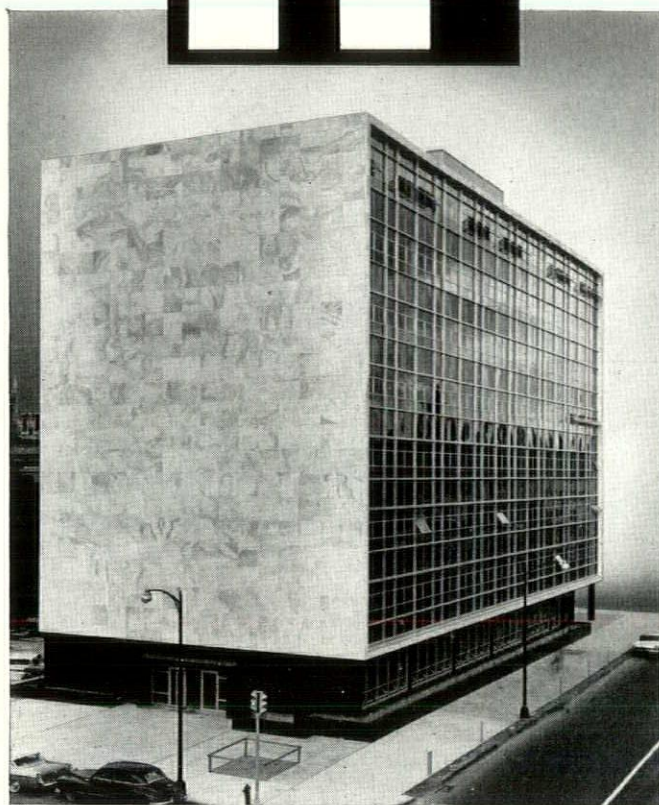
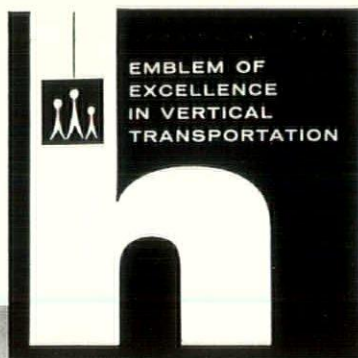
SIEGFRIED

CONSTRUCTION CO., INC.

6 North Pearl Street, Buffalo, N.Y.

EL-4124





ONONDAGA COUNTY OFFICE BUILDING, Syracuse
King & King, Architects W. E. O'Neil Construction Co., Gen'l Contractor

Another notable building served by Haughton Elevators

There are qualities of permanence and integrity in this new building that its Haughton automatic elevator installation will enhance and protect. Haughton elevators are unsurpassed for swift, safe, dependable transportation. And their freedom from costly maintenance brings dollars and cents savings that can be counted year after year.

It will pay you to call on Haughton for specialized help in planning vertical transportation for your buildings. Haughton provides complete design, engineering, manufacturing and installation service to save you and your clients time and money.

Haughton Elevator Company

Executive offices and plant
Toledo 9, Ohio

43 Factory Branches to serve you
• Sales • Service • Maintenance



2nd EXHIBITION of PHOTOGRAPHY

The Second Exhibition of Architectural Photography will go on view at the Statler Hotel, Georgian Room in connection with the New York State Association of Architects Convention on September 19th. It will continue through September 21st.

Sponsored by the American Institute of Architects in cooperation with the Architectural Photographers Association, the exhibition was first shown at the AIA in Washington and is now touring the country under the auspices of the Smithsonian Institution Traveling Exhibition Service.

The 32 prints included were selected from photographs submitted from all over the country. Six prizes were awarded. The jury consisted of one professional photographer, Volkmar Wentzel, of the National Geographic Society; one architect, Leon Brown, Head of the Department of Architecture, Howard University; and one editor, William A. Reedy of *Applied Photography*, *Commercial Camera* and *Bulletin for the Graphic Arts* of Eastman Kodak.

The prizewinners selected by the jury were: First Prize to S. C. Valastro for his photograph of Lever House, New York City, by Skidmore, Owings and Merrill; Second Prize to Joseph W. Molitor for Salisbury Bath House, Salisbury Beach, Massachusetts, by Coletti Brothers; Third Prize was tied between Gabriel Benzur's photograph of Georgia Institute of Technology, Atlanta, Georgia, by Aeck Associates, and Joseph W. Molitor's photograph of the MIT Auditorium in Cambridge, Massachusetts, by Eero Saarinen and Associates. Honorable Mentions were awarded to: S. C. Valastro for Mile High Center, Denver, Colorado, by I. M. Pei, and to Mason Pawlak for MRA Racetrack, Livonia, Michigan by Giffels and Vallet, Inc., & L. Rossetti.

The purpose of the exhibition is to recognize and encourage outstanding work in the field of architectural photography and to demonstrate the value of this specialized branch of photography to the architectural profession. In 1957, which marks the Centennial of the AIA, more people than ever will be looking at architecture. This exhibition offers an opportunity to take stock of the field of architectural photography—especially important at a time when buildings and other architectural projects scattered all over the world must often be evaluated solely through the medium of photography.

STAGE EQUIPMENT
RIGGING AND CURTAINS

Furnished and Installed by

T. S. GREEN STAGE EQUIPMENT

409 Seitz Building

Syracuse, New York

Telephone — GRanite 1-1526

PUBLIC RELATIONS—CENTRAL NEW YORK CHAPTER

The 1957 salutatorian of Utica Catholic Academy is the first winner of an essay contest sponsored by the Central New York Chapter of the American Institute of Architects.

Miss Marlene A. Sobieraj, 16-year-old daughter of Mr. and Mrs. Chester S. Sobieraj of Frankfort R. D. No. 2 has won \$400 as author of the best composition on architecture, according to an announcement by J. Murray Hueber of Syracuse, president of the chapter. She took top honors in competition with juniors and seniors in 375 public, parochial and private schools within the 26 northern, southern and central counties of New York State that make up the chapter area.

"Architecture—A Creative Force in America's Future" was the theme of all essays.

Frank C. Delle Cese, a Utica architect, will present the prize to Miss Sobieraj at Utica Catholic Academy



Left to right:
J. Murray Hueber, Marlene A. Sobieraj, Frank C. Delle Cese

Commencement Exercises later this month in Stanley Theater, Utica.

Three other entries received "honorable mention," Marie A. Kent of Pulaski, R.D. No. 3, a senior in Sandy Creek Central School; Robert O. McCarthy of Syracuse, a senior in St. John the Baptist Academy; and Eleanor Smith of Dalton, a senior in Nunda Central School.

They will receive their citations and gifts during commencement exercises in their respective high schools this month.

The essays were judged by G. Richard Gottschalk, a Commissioner of Education in Syracuse; E. R. Vadeboncoeur, president of WSYR Radio and TV in Syracuse; the Right Reverend Monsignor James E. Callaghan, Superintendent of Schools for the Diocese of Syracuse; Chester S. Driver, Supervising Principal of Marcellus Central School; L. C. Dillenback, Dean of the College of Fine Arts and Director of the School of Architecture at Syracuse University; and J. Murray Hueber, president of the Central New York Chapter, American Institute of Architects.

Head of the committee that conducted the contest and supervised the judging was Robert T. Clark, a member of the chapter and vice president of the Syracuse Society of Architects.

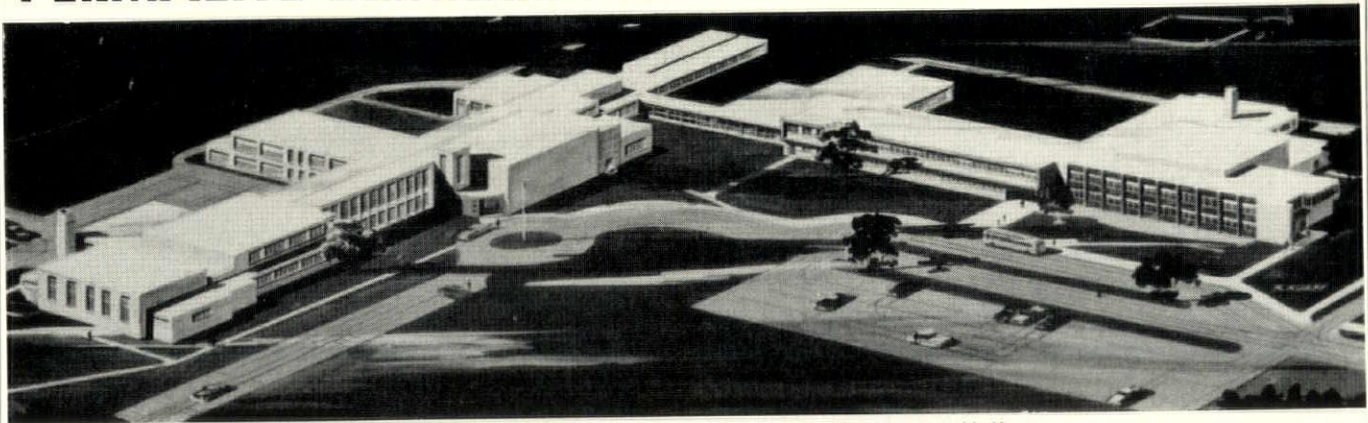
Presentation of a gift and certificate to each "honorable mention" winner was made at June high school commencement exercises as follows:

Donald Q. Faragher of Rochester to Eleanor Smith; Darrel D. Rippeteau of Watertown to Marie A.

Kent;

J. Murray Hueber of Syracuse to Robert O. McCarthy.

PERMALITE LIGHTWEIGHT AGGREGATES USED IN SCHOOL ADDITION



Junior High School Addition to Maryvale High School, Cheektowaga, N. Y.
Architects: Foit & Baschnagel, Buffalo, N. Y.
Contractor: Carpenter & Skaer, Buffalo, N. Y.

PERMALITE Lightweight Aggregates were used in this new addition as follows:

- Over 40,000 sq. ft. of PERMALITE Lightweight Insulating Concrete was poured in place over 4 lb. rib lath.
- Over 30,000 sq. ft. of precast PERMALITE Lightweight Insulating Reinforced Roof Slabs were applied during cold weather. Slabs were 3" thick, 2' x 6'. Weight: 10 lbs. per sq. ft.
- Over 14,000 sq. ft. of PERMALITE ALL-WEATHER CRETE was applied monolithically 4" thick under manual training floor areas as insulation. U factor .11. ALL-WEATHER CRETE is a composition of PERMALITE and high melting point asphalt, placed loose and rolled to compaction as called for by the architect.

BUFFALO PERLITE CORP.

100 SUGG ROAD, BUFFALO 25, NEW YORK

GENERAL PLASTERING
BASECOAT PLASTER
WALLS AND CEILINGS

FIREPROOFING
STRUCTURAL STEEL
COLUMNS

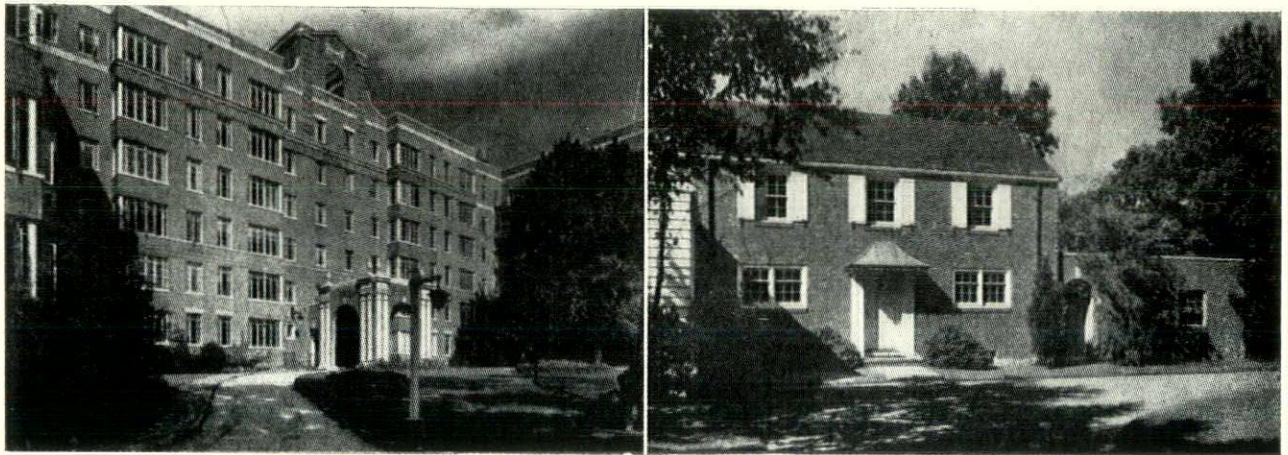
LIGHTWEIGHT CONCRETE
ROOF DECKS
ROOF FILL

INSULATING CONCRETE
FLOOR SLABS
FLOOR FILL

HUDSON RIVER BRICK

for every

"DESIGN DEMAND"



Whether designing in contemporary or conventional architecture, no building product will do more to enhance the beauty of your building than Hudson River Brick.

BRICK MANUFACTURERS ASSOCIATION OF NEW YORK, INC.
1949 GRAND CENTRAL TERMINAL
NEW YORK 17, N. Y.

AMONG THE CONSTITUENTS

(Continued)

Robert E. Cutler, President; Harold C. Bernhard, Vice President; L. Bancel LaFarge, Secretary; Aaron N. Kiff, Treasurer. *Executive Committee:*

Ralph Pomerance, Geoffry N. Lawford, Alonzo W. Clark, III, Roger G. Spross, Fredrick J. Woodbridge, Fredrick G. Frost, Jr.

ARNOLD W. BRUNNER SCHOLARSHIP

The New York Chapter, The American Institute of Architects, is accepting applications for the 1958 Arnold W. Brunner Scholarship. The grant for an amount of up to \$2,400 for advance study in a specialized field of architectural investigation is awarded annually by the Chapter. Candidates, who are required to be American citizens with advanced professional backgrounds and currently active in architecture or related fields, should file applications now. Closing date for all applications is November 15th, 1957. Full information may be procured from the Chapter Office at 115 East 40th Street, New York 16, New York (Murray Hill 9-7969). Elisabeth Coit is chairman of the Arnold W. Brunner Scholarship Committee.

SUMMER PROGRAMS

A distinctive series of radio programs entitled "Architecture for the Good Life in New York" had been arranged by Jeffrey Ellis Aronin early in July to be presented over station WNYC and WNYC-FM on Thursday evenings from 8:30 to 8:55 P.M. during the summer months. Each program featured Mr. Aronin interviewing prominent architects and others related to the building industry. Those programs already recorded and scheduled included:

July 11—Frank Lloyd Wright, Part I.

July 18—Frank Lloyd Wright, Part II and Lillian Gish.

July 25—Ralph Walker, F.A.I.A., recipient of the A.I.A. Centennial Gold Medal.

August 1—Sir Hugh Maxwell Casson, FRIBA, Architect of the Festival of Britain, 1951 and of the Coronation Decorations, 1953.

August 8—Robert Carson, A.I.A.; Ray Daly, President of the George A. Fuller Co.; and Hoyt Ammidon, Chairman of the Board, Astor Plaza Inc., in a discussion on office buildings.

Other programs followed on succeeding Thursday evenings.

STUDENT ACTIVITIES

Eleven graduating students from Columbia's School of Architecture have been awarded the William Kinne Fellows Memorial Traveling Fellowship for the year 1957-58. These Fellowships are awarded each year to members of the graduating class for travel and study abroad for a period varying from six months to one year.

Aniko Borondy, a 24-year-old Hungarian refugee student has been granted a scholarship at Pratt Institute in Architecture. Before fleeing Hungary with her mechanical engineering husband, Aniko had spent 4½ years of study at Budapest Technical University. Mrs. Borondy finds the Pratt Architectural courses quite relaxing. In Hungary she had 48 hours of class a week, from 8 in the morning to 8 in the evening. The homework was extra. She wishes the American student were more earnest.

The Architectural firm of Voorhees, Walker, Smith & Smith is holding its third Student Training program this summer, from June 17th to August 23rd. Attended

by 21 students from fifteen architectural and engineering schools in the United States and the Philippines, the training program will provide a preview of the professions for which they are preparing themselves and supplement their academic studies with practical experience in architecture and engineering.

An architectural exhibit prepared by Pratt Institute in cooperation with the Department of Correction is on view at 100 Centre Street. The students of the Pratt School of Architecture had been asked to develop a thesis designed project on "Prison Analysis & Design." This study represents the first attempt to explore the design possibilities of new institutions in cooperation with a recognized school of Architecture.

SYRACUSE SOCIETY

The following slate of officers was proposed by the nominating committee on June 6th and unanimously elected to serve during 1957-58:

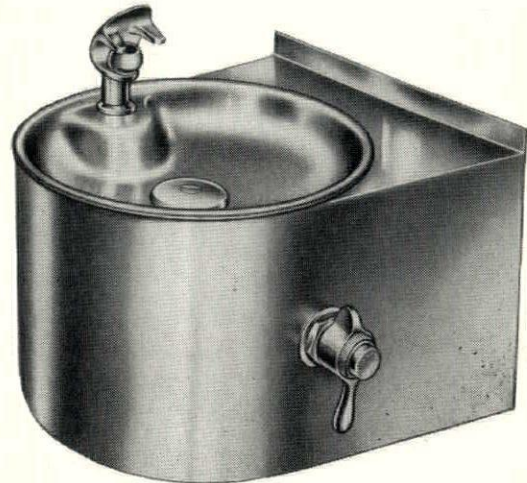
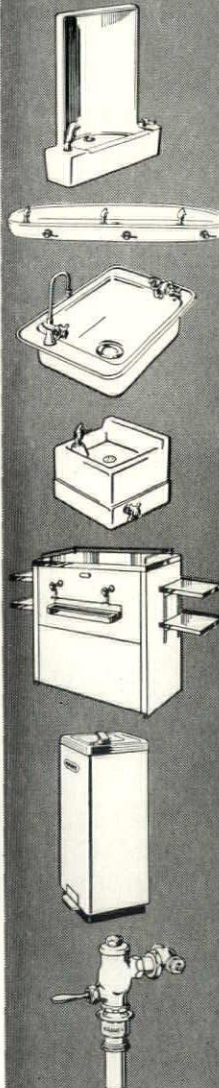
President, Edward Bruce; Vice-President, Robert T. Clark; Secretary, Maurice J. Finnegan, Jr.; Treasurer, Lester D. Young; Director, 1 year term, Harry King; Director, 3 year term, James D. Curtin; Director, 3 year term, S. Elmer Chambers.

A resolution was unanimously approved thanking and recognizing the signal contribution of retiring President "Jim" Curtin and his assistants to the Society and the cause of Architecture in this area.

(Continued on Page 75.)

by **HAWS**

Leading Designs... for Leading Architects



MODEL 7W. Strikingly new in lifetime stainless steel. Flowing curves completely hide supply and waste fixtures... blend with modern styling.

"BUBBLER FEATURES"...

- Raised fountain head: angle stream, shielded, anti-squirt... prevents direct mouth contact.
- Self-closing automatic stream control valve.
- Vandal-proof socket flanges prevent fixtures from being turned.

HAWS provides drinking water facilities of the finest design for today's architectural planning. Handsome wall and pedestal models meet every design requirement—indoors or out, industrial or institutional! Up-to-the-minute styling by skilled craftsmen make HAWS Fountains the leaders!

All HAWS Fountains contain outstanding sanitation features, insuring a lifetime of unequalled protection. Find out what HAWS drinking water facilities can do for your projects!

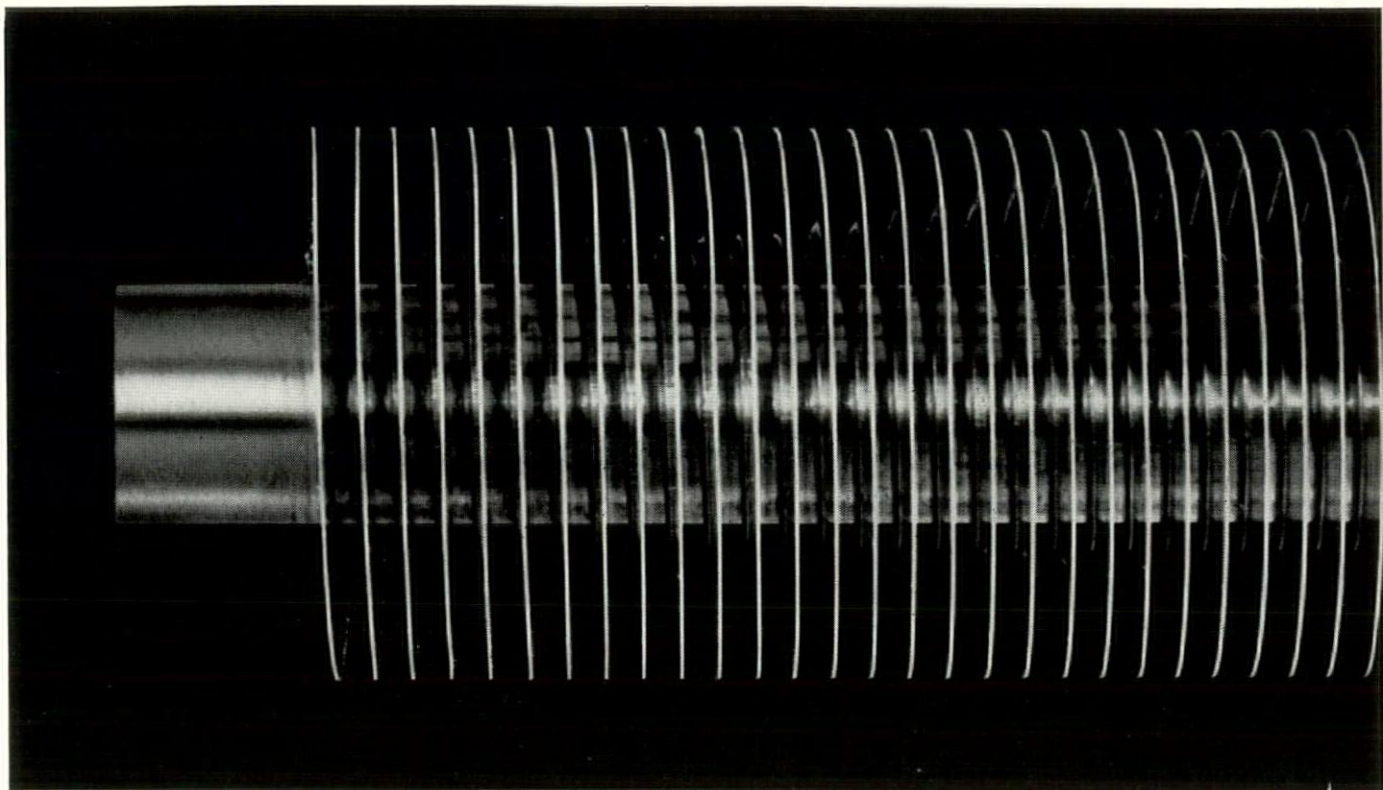
Write for the new HAWS Catalog—today!

HAWS

DRINKING FAUCET CO.

1443 FOURTH STREET (Since 1909) BERKELEY 10, CALIFORNIA

HAWS also features Electric Water Coolers, Deck-Type Fountains, HAWS Emergency Eye-Wash Fountains, and KRAMER Flush Valves for every make of plumbing fixture.



AEROFIN

Smooth-Fin Coils offer you

**Greater Heat Transfer
per sq. ft. of face area**

**Lower Airway Resistance
—less power per c.f.m.**

Aerofin smooth fins can be spaced as closely as 14 per inch with low air friction. Consequently, the heat-exchange capacity per square foot of face area is extremely high, and the use of high air velocities entirely practical. Tapered fin construction provides ample tube-contact surface so that the entire fin becomes effective transfer surface. Standardized encased units arranged for simple, quick, economical installation.



AEROFIN CORPORATION

101 Greenway Ave., Syracuse 3, N. Y.

Write for Bulletin S-55

*Aerofin is sold only by manufacturers of fan system apparatus.
List on request.*

(Continued)

WESTCHESTER CHAPTER

SCHOLARSHIP DINNER

The Westchester Chapter's seventh annual scholarship dinner was held at Glen Island Casino, May 23. Present were over 300 members and guests. Some of the guests were Matt Del Gaudio, regional director of A.I.A.; Miss Loretta Coons, principal of New Rochelle High School; Miss Helen Smith, guidance counsellor; Dr. and Mrs. Lurcott; Howard Schrecke, chairman of the County Board of Supervisors; John Balint of Yonkers, president of the Westchester Building Officials Conference; Stanley Slote, president of the Westchester Home Builders; and Worth Judge, real estate editor of the Macy Papers.

The Charles Dewey Memorial Scholarship of \$1,000 was awarded to Robert H. Lurcott, New Rochelle High School Senior. It was presented by Matthew W. Del Gaudio, who praised the chapter for encouraging young men in architecture.

The winner is the son of Dr. and Mrs. Horace V. Lurcott. He first became interested in architecture while making occupational studies in his junior year. He is a member of the National Honor Society. He expects to enter the Cornell College of Architecture next Fall.

Candidates for the award were screened by a committee composed of Fred Voss of Dobbs Ferry, chairman; Don Newman of Scarsdale; Paul Lips of Larchmont and Robert Crozier of Rye.

James Cook of White Plains was toastmaster. President Norman Blair of Larchmont, welcomed the guests. The dinner committee consisted of Millard Whiteside of White Plains, chairman; Matt Warshawer of Mt. Kisco; Burton Yolen of Hartsdale and John Thompson, Jr. of Ossining.

It is understood that this affair was quite successful financially as well as socially.

BUFFALO-WESTERN NEW YORK CHAPTER

Mr. W. G. Watson, Manager of the Buffalo Branch of the Pittsburgh Plate Glass Company, was host on June 4th to 96 guests at a dinner party at Hotel Sheraton for Architects and Associates.

The speaker of the evening was Mr. George L. West, Manager of the Building Products Division of that company, who discussed Curtain Wall Construction, Spandrelite (the new colored glass used in Spandrels) Glass and introduced the new West Tension Door. Mr. West particularly discussed his company's Special 82X type of metal construction for Curtain Walls and the need for care and attention in glazing to prevent leakage. Mr. West illustrated his lecture on this process with slides which exemplified its use in other large cities. The 20th Century beauty of the Spandrelite evoked expressions of enthusiasm from the attending Architects as they were flashed on the screen and later shown after the meeting. Spandrelite makes use of beautifully fused glass panels which conceal construction beams while enhancing the decor of the building.

ARCHITECTS

who use **DODGE
PLAN
ROOMS**

**get a greater range of bids from
a wider group of sub-contractors
and material men.**

A set of your plans and specifications in the Dodge Plan Room assures this—and simplifies taking bids on jobs. It reduces your direct requests, too.

Representatives of active firms use these Plan Rooms whenever plans on file are announced in their Dodge Reports Service.

Dodge Plan Rooms are maintained for your convenience in principal cities throughout the 37 Eastern States. Send plans on your next job to your nearest Dodge Plan Room—Buffalo, Rochester, Syracuse, Albany, or New York—and if the project will be constructed in some other area, ask the Dodge Reporter how you can place plans in that locality. A courteous attendant is on duty in each Plan Room—and a Sweet's file is available for ready reference.

We cordially invite all New York State architects to use the full facilities of our Plan Rooms. Filing your plans with us assures the continuation of our maximum service to those concerned with new construction in this entire area.

DODGE REPORTS

Take the First Step in Every Sale

70 Niagara St., Buffalo 2, N. Y.

Timely, Accurate, Comprehensive Construction News



BRICK SCHOOL CLASSROOM WITHSTANDS ATOMIC BLAST

A full-size reinforced brick school structure successfully withstood the effect of an atomic blast during the recent 1957 "Plumbbob" nuclear test series, the Federal Civil Defense Administration announced at a July 10 news conference in Las Vegas, Nevada. The structure, which was designed by the Structural Clay Products Research Foundation, Geneva, Illinois, research arm of the nation's brick and structural tile

industry, was one of five structures under test to evaluate new reinforced brick and tile wall designs.

In the same test, two roof structures of reinforced clay tile beams also were not visibly damaged. In addition, six walls of brick and tile in two other structures were successful in developing wall arching-resistance to blast pressure, the FCDA announced.

Following is the full text of the Federal Civil Defense Administration news release of July 10 announcing the test results:

"The Structural Clay Products Research Foundation had five structures under test to evaluate new reinforced brick and tile wall designs and to study wall arching-resistance to atomic blast pressures.

"A full-size brick structure, 32 feet by 28 feet, which could serve as a school classroom survived atomic blast sources with no apparent damage inside or out. No cracks were noted in the walls, roof, or at any joints. Large enough for a typical class of 30 pupils, the building could have provided a high degree of blast protection.

"The structure had 10 inch thick reinforced brick walls, a reinforced concrete flat roof and was windowless. The lack of windows is an important part of protecting building occupants from missiles flying through or from the window opening.

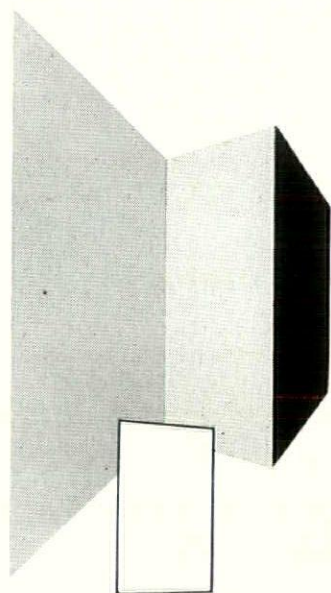
"There were no cross walls within the structure. The 32 foot wall length was oriented toward ground zero and was designed and located for a predicted load of about 1500 pounds per square foot. The other three walls and roof were designed for testing at pressures of about 750 pounds per square foot. Deflection gages revealed that the front wall deflected inward about one quarter inch and the center of the roof one half inch. However, all deflections were elastic and there appeared to be no permanent deflections.

"Of interest also is the fact that this type of reinforced brick structure is designed to resist the destructive forces of powerful tornadoes or earthquakes.

"Two roof structures of reinforced clay tile beams were not visibly damaged.

"Two wall test structures for three brick and tile walls each were successful in developing wall-arching-resistance to blast pressure. In each structure the two highest strength walls successfully withstood the blast. The lowest strength wall in each structure, designed to just fail at the design over-pressure, cracked as predicted and as desired to aid in the establishment of economical and sound safety factors for future engineering design purposes.

"These building designs were developed and the tests were sponsored by the Structural Clay Products Research Foundation in cooperation with the Federal Civil Defense Administration."



PL COLOR PLANNING SERVICE

OFFERS
5
ADVANTAGES

Professional-level, Color Planning Service perfected by Pratt & Lambert offers you these advantages. It is:

- PROMPT** At the proper stage of job development, when it best suits your schedule.
- PERSONAL** On the job or in your office, by a trained representative who will assist in the manner and to the extent you want.
- ORIGINAL** Not mass produced . . . but custom made. Adapted to the job itself to help bring out its best design features to fullest advantage.
- CORRECT** Developed according to tested, established principles of Color Calibration (exclusive with Pratt & Lambert).
- COMPLETE** Perfectly integrates all surface treatment colors into harmonious balance.

Pratt & Lambert Architectural Service is yours—the way you like it—for the asking. There's no obligation. Please write your nearest Pratt & Lambert Architectural Service Department:
3301 38th Avenue, Long Island City 1, New York—75 Tona-
wanda Street, Buffalo 7, N. Y.—326 West 26th Street,
Chicago 16, Ill.—254 Courtwright St., Fort Erie, Ont.



PRATT & LAMBERT-INC.

A Dependable Name in Paint since 1849

NEW YORK • BUFFALO • CHICAGO • FORT ERIE, ONT.

PREFABRICATED STEEL PARTITIONS

What may well turn out to be one of the most progressive construction steps yet made concerning the interior layouts of large office buildings is currently taking place at 666 Fifth Avenue, between 52nd and 53rd Streets, in New York City.

There, in a new 38-story structure known as The Tishman Building, workmen are installing prefabricated steel walls instead of the customary wall partitions of sand, tile, plaster, water and mortar.

Several important "firsts" are tied in with the installation of these walls. It is the first time prospective tenants of a rented office building have been given a choice between the steel wall partition or the customary wet wall construction.

The wall marks the first time steel partitions have been specifically designed to replace the plaster and mortar wall.

It is believed to be the first time in the history of office building construction that interior walls have been installed before the ceilings have been hung.

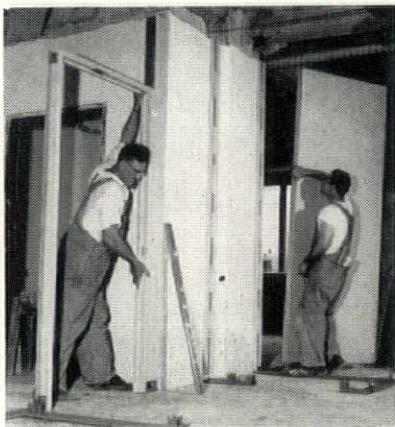
It is also the first time that the wall panel has gone through, rather than to, the ceiling.

Manufacturers of the wall point out that in a new office building the initial cost of the steel partitions are higher than for wet wall construction, but cite numerous reasons why the long term costs are actually cheaper. Where an office building is being remodeled, costs are claimed to be competitive with wet wall construction.

The two-inch difference in the width between the two walls will provide an additional 16,000 square feet of usable floor space in the 1,050,000 square foot building.

Space between the steel panels is packed with batts of rock wool providing excellent insulation against sound and fire. Concerning sound, the decibel rating for five-inch gyp-block and plaster walls is 38.4, while for the three-inch steel wall it is 43.5.

Among the obvious advantages of the steel wall is the ease with which it is both installed and removed. At the Tishman building it is anticipated individual members of work crews will be able to install as many as 40 lineal feet of wall panel per day. Completely salvageable, the wall can be removed in up to a tenth the installation time for immediate relocation elsewhere.



A view of the panel struts attached to the continuous floor channel are shown here. The struts serve as both a centering and keying device for the steel wall panel which slips over them upon installation. The worker in the foreground places a one-piece pre-fabricated steel doorframe in position.

Another important advantage of this new wall, which also contributes to the speed of installation, is that it can be erected under all weather conditions—rain or shine, hot or cold—and can be put up even before the building is enclosed. Adverse weather conditions have been known to delay completion of wet wall construction for many days. Further, only one union craft instead of several need be involved in the erection.

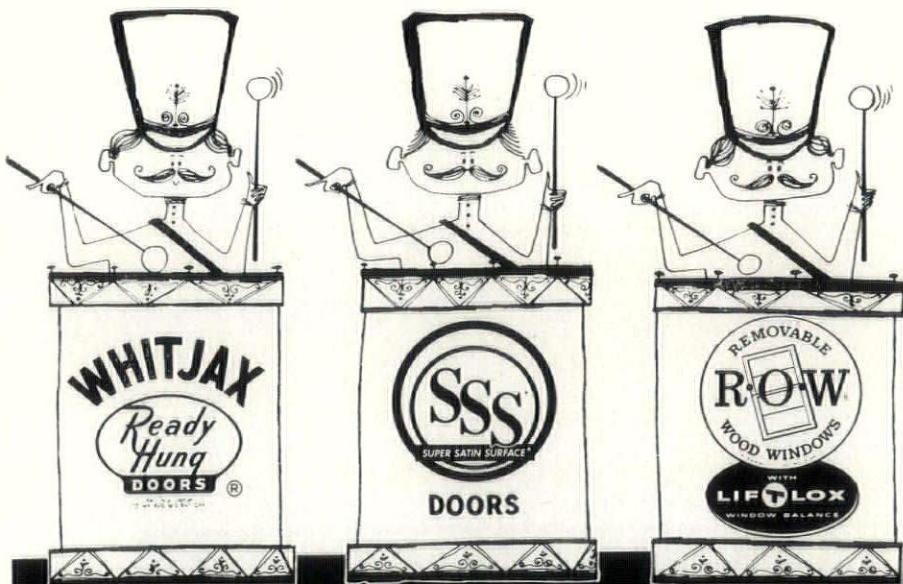
Once the prefabricated steel wall panel leaves the factory, it is ready for installation in final form except for painting, papering, or alterations for electrical outlets or air conditioning and heating pipes. Openings in the wall are easily made by a workman with a pair of electric hand-snippers.

If at some future date remodeling of the building is indicated, the wisdom of starting out with steel walls in a new building becomes apparent. Since the steel partitions are completely salvageable, they can be readily moved and relocated according to the needs of a new interior layout.

In addition, rubble normally created when wet wall construction is torn down is eliminated. In a metropolitan area such as New York City, rubble must be hauled considerable distance before eventual disposal in a dump.

Because the design of this particular wall was worked out between Aetna, the manufacturer, and Tishman, the client, it has been given the trade name Aetna-wall-T, the "T" for Tishman.

**YOU'LL
PARDON
US (WE HOPE)
FOR "BEATING THE DRUMS"
FOR THREE OF THE FINEST
PRODUCTS YOU CAN SPECIFY.
IF YOU DON'T ALREADY HAVE
ALL POSSIBLE INFORMATION
ON THESE THREE — ASK US!**



The Whitmer-Jackson Co. BUFFALO — ROCHESTER — MEDINA
WHOLESALEERS OF FINE MILLWORK

JOHN W. DANFORTH COMPANY

72 Ellicott St., Buffalo 3, N. Y.

Tel. MA 5940

Contractors for

Chemical & Industrial Piping

Power Plants

Heating & Ventilating

Westinghouse Air Conditioning

Pine Hill Concrete Mix Corp.

**Ready-Mixed Concrete
For Every Purpose**

Our Fleet of 100 Truck Mixers Assures
Prompt Service

"No Job Too Small or Too Large"

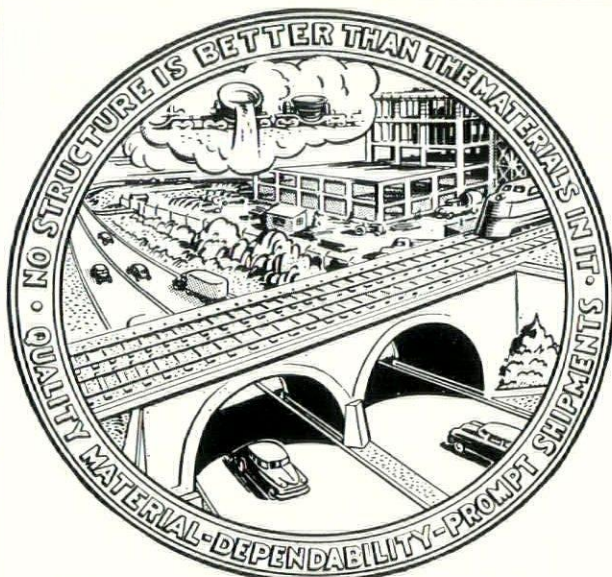
"We have State Approved Materials"

TRANSIT MIX PLANTS—

2255 Bailey Ave.	BA 2255
5636 Transit Rd.	RE 1016
6067 Genesee St.	RE 3419
520 Young St., Tonawanda	JA 5267
19 Martin Ave., Blasdell	WO 1518

GRAVEL PITS—

324 Pavement Rd.	RE 6205
Stage & Billo, Clarence	3891
Genesee & Shisler	RE 4224
Shisler & Wiltse	RE 3419



1913

1957

44 Years of Service

To Railroads, Highway Departments
and Building Industry

THE BUFFALO SLAG CO., Inc.

866 Ellicott Square Building

Phone: WA-8107

Buffalo 3, N. Y.

CRUSHED AND SCREENED BLAST FURNACE SLAG

Screened to Standard Sizes for Use:
All Classes of Concrete, Bituminous
Paving, Railroad Ballast.

CRUSHED LIMESTONE • SAND AND GRAVEL

Complete Aggregate Service

for Western New York—Northwestern Pennsylvania

Plants Located at:

BUFFALO, N. Y.	ERIE, PA.
FRANKLINVILLE, N. Y.	
ALFRED, N. Y.	ALLEGANY, N. Y.
COHOCTON, N. Y.	

GREEK REVIVAL

(Continued)

were made from six to ten inches wide and faced with small pilasters supporting a wide transom bar. The transom bar was usually from six to twelve inches wide, sometimes faced with a series of mouldings and designed similar to the architrave member of the entablature. The door, transom and sidelights were then enframed with pilasters or antae on the sides and a two-or three-member entablature across the top. The builders continued to adjust and develop the various parts until the Greek Revival entrance became a distinctly different type to be associated only with that style.

The same is true of the porch entrances. The Post-Colonial amateur architects and builders had developed some beautiful entrances of this type and all that was necessary for the Greek Revival builder was to change the details and proportions to conform to the modified classic Greek.

Although the Greek Revival builders adapted some of the Post-Colonial motifs, they developed many new and interesting compositions of their own. One of these is a deeply recessed entrance consisting of door, sidelights and transom. Directly in front of the mullions, between the door and flanking sidelights, are free standing fluted Doric columns extending to the soffit of the recess. The recess was without architrave moulding or entablature.

Another type has the usual door, sidelights and transom, set in a deep recess, and on the face of the building an enframing of flanking pilasters and a two-member entablature, consisting of a simple cornice moulding and a freeze. But the pilasters on the face of the mullions, flanking the door, extend upward

through the wide transom bar to the soffit of the recessed opening.

Some builders also used carved or plain corbels above the transom directly over the mullions and at the ends.

During the Post-Colonial era the two-story portico was occasionally used, and was completely developed by Thomas Jefferson, at the University of Virginia, as an end to the two-story buildings. At the University of Virginia the details and proportions followed the classic Roman pattern as interpreted by Palladio. The idea of a portico, porch or piazza had been established before the Greek Revival but during this period it became a popular feature on many of the houses. They are distinctly an American development.

We have previously mentioned the farmhouse type of plan with the projecting wings and the space between the wings used as a one story porch. Two or more square posts with caps and bases supported a two-or three-member entablature.

Often the wing on one side of a two-story house was faced with a one-story porch across its front.

It is on Greek Revival houses that we also find one-story porches across the narrow end as well as across the long side of a house.

In the north, due to climatic conditions, porches could be used only a few months of the year. But in the south, porches became an important feature on many of the houses. In Charleston, two and three story porches facing the garden and ocean breezes reached their highest development. Mobile, New Orleans and Past Christian had their own peculiar development.

On the plantation mansions throughout the south we find one-and two-story porches on one and two sides of the house and occasionally the porch completely surrounded the house.



thin marble tiles

Thin, genuine marble tiles—beautiful and appropriate in lobbies or hallways, for offices or washrooms, or kitchens. Use it in schools, or churches, for theaters, restaurants, or public buildings. So much more distinction and durability for so little additional cost.

Markwa Marble wall and floor tiles, one-half inch thick, available in 3 sizes (8" x 8", 8" x 12", 12" x 12").

18 COLORS

Set with cement or mastic, as with ordinary tiles.

Available through leading tile contractors. Write now for brochure showing color range and uses for magnificent MARKWA.

"MARKWA—the marble that is lightweight because it is thin."



VERMONT MARBLE CO.

PROCTOR • VERMONT

BRANCH OFFICES: BOSTON CHICAGO CLEVELAND DALLAS HOUSTON PHILADELPHIA LOS ANGELES NEW YORK SAN FRANCISCO WASHINGTON D.C.
IN CANADA: ONTARIO MARBLE COMPANY LIMITED TORONTO AND PETERBOROUGH ONTARIO • CONTINENTAL MARBLE COMPANY, LIMITED, VANCOUVER, B.C.

EMPIRE STATE ARCHITECT

FLOOR & WALL COVERINGS

FLOORS:

Asphalt Tile
Linotile
Rubber Tile
Cork Tile
Linoleum
Carpet & Rugs

WALLS:

Pliant Wood Veneer
Vicrotex Vinyl Coated Fabric
Metal Tile
Plastic Tile
Porcelain Tile

COUNTERS:

Formica & Texolite

We are sub contractor for all flooring in Bethlehem new office building.

HODDICK & TAYLOR, INC.

71 W. Eagle Street

Buffalo, N. Y.

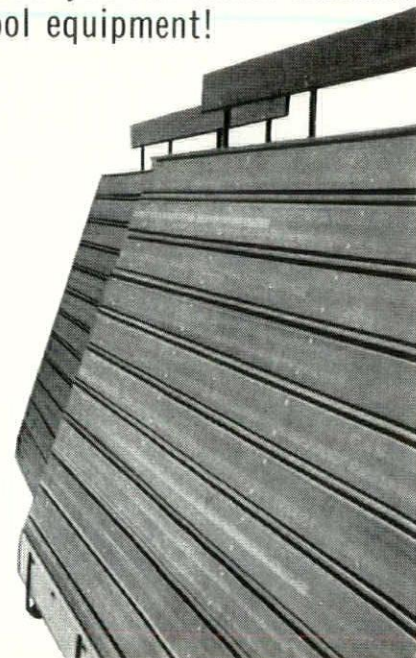
BRUNSWICK WILL BE THERE

.....waiting to show you the latest advances
in functional school equipment!

N. Y. State
Association of
Architects
Convention
Statler Hotel
Buffalo, N. Y.
Sept. 19-20-21

Booths

45	46	47
----	----	----



Sand, Gravel and
Ready-Mixed Concrete

BUFFALO GRAVEL CORP.

111 Great Arrow Avenue
Buffalo, New York
Phone: BEdford 6800

RADIO CONTROLLED TRUCKS

BUILDING FOR THE STATE OF NEW YORK

(Continued)

rant apprehension in regard to its safety" or to prevent the occupation of the chamber. Early in 1884 Fabian again published a structural analysis of the vault and repeated his warning that its failure was only a matter of time. In four more years events proved him correct. By the spring of 1888 the condition of the vault was such as to alarm the legislators themselves, and they called upon the State Engineer for advice. In a series of reports signed by John Bogart, Thomas C. Clarke and Richard M. Upjohn, it was recommended that the chamber be evacuated immediately, that strong centerings be erected before the vault could collapse, that the vault then be taken down and replaced by a lighter ceiling of wood or iron. In their opinion the "lamentable condition of parts of this great building" was not due to poor workmanship—which was really very good—but to faulty design of arches and vaults. This time action was taken. In the Fall the vault was removed, the piers of the north staircase strengthened with iron beams, and the installation of a new beamed and coffered ceiling begun; out of the latter grew a major scandal.

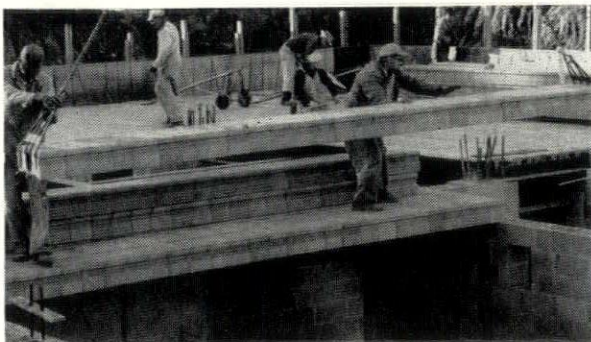
By February 1889 some newspaper correspondents were saying that the "\$270,000 ceiling" had in reality cost a great deal less. The manufacturer of the ceiling assembly made a public statement that it had cost him "less than \$30,000"; some reporters said that the exact cost had been \$11,500. The Assembly decided to appoint a committee of three competent experts to investigate. Not one would accept, so the Assembly had to rely upon a group of its own members to look into the matter. In this case even a layman could see what was wrong, as it turned out when the report was made.

Specifications had given the impression that the whole ceiling was to be "covered with first quality kiln-dried quartered white oak, wrought out and finished in accordance with the several designs, in first-rate cabinet fashion." All carved work was to be done "in an artistic and spirited manner by first-rate carvers, who understand the motive and intent of the design." However, an obscure clause in the specifications noted that the panels were "to be of quartered oak, as shown, properly glued up and finished, or, if papier-maché is used instead of oak, the panels are to be formed high toward the centre." A close examination of the ceiling showed iron and wooden beams cased with oak, but the "carved work" and panels consisted of plaster-of-Paris on a backing of jute canvas, painted to imitate oak. (The contractors attempted to justify the substitution by saying that curvature of the panels was aesthetically preferable, and that such an effect was feasible only by a casting process.) When counted, there were only 396 panels instead of the 764 shown on the drawings. It was further revealed that bidders had been invited by the superintendent—not by advertising—and that they had been shown only 6 vague drawings instead of the 51 drawings upon which the contract was supposed to be based.

For a time this scandal attracted the newspapers, and politicians argued over it, but apparently the blame was never accurately fixed. Certainly the editor of the "American Architect and Building News" must have had such incidents in mind in 1889 when he referred to the Capitol as the "most costly building of modern times," to which the ornate Palais de Justice in Brussels and the new Opera in Paris were not even close runners-up.

PREFABRICATED DOX PLANK FLOOR & ROOF SYSTEM

NOW WIDELY SPECIFIED IN SCHOOL DESIGN
TO SPEED UP CONSTRUCTION * TO KEEP COSTS DOWN



Homestead Savings & Loan Building
Utica, N. Y.
A. Ulrich & Sons Inc. Utica, N. Y.

A FEW INSTALLATIONS OF DOX PLANK

■ Armory School	Utica, N. Y.	A. Miller, Builder
■ Sunset School	Utica, N. Y.	S & D Construction Co.
■ Jones School	Utica, N. Y.	R. Pacini Construction Co.
■ Lannigan School	Fulton, N. Y.	Brown-Hoyt, Inc.
■ Canastota School	Canastota, N. Y.	Brown-Hoyt, Inc.
■ Utica Country Squire Motel	Utica, N. Y.	John J. Harvey Co.
■ Otsego County Home	Cooperstown, N. Y.	Holloway & Associates
■ Cherry Valley School	Cherry Valley, N. Y.	Holloway & Associates

CALL HAMILTON 420 or HAMILTON 799

FOR MORE INFORMATION

MID-STATE CONCRETE PLANK, INC.

Hamilton, New York

BEC ELECTRIC COMPANY
2101 TEALL AVE.
E. SYRACUSE, N. Y.

Electrical Contractor
for the
Onondaga County Office Building

**MODERNFOLD
DOORS**

The first and finest in folding Doors



2267 DELAWARE AVE.
BUFFALO 16, N. Y.

VI 5103

SEE US AT BOOTH 44

VI 5104

GEORGE W. WALKER & SONS, Inc.
General Contractors

INDUSTRIAL

COMMERCIAL

770 Elmwood Ave., Buffalo 22, N. Y.

**ARCHITECTURAL
AND
STOCK MILLWORK**

DOHN FISCHER AND CO., INC.

E. M. HAGER SONS, CO.

HENRICH LUMBER INC.

MONTGOMERY - MALLUE INC.

FRONTIER LUMBER CO. INC.

LUMBER

An allowable live load of 120 pounds per square foot has been provided throughout, except in the areas where it is anticipated that future electronic computers will be installed. In the latter case the floor panel design has been calculated to support a live load of 200 pounds per square foot. The 120 pound design loading in all office, vault and corridor areas is sufficient to support a double tier of four drawer filing cabinets, should they be required. The cells of the steel deck electric floor panels are to be energized on three foot centers so that either high or low tension outlets will be available for any conceivable desk arrangement.

The hung acoustical ceiling in all offices and corridors has been set at 9'-4" clear height. This will allow for the installation of stock height movable metal partitions in any location without the necessity of providing top fillers above the cornice line.

The steel double-hung windows and the lines of lighting troffers have been set on five-foot modules to produce offices ten, fifteen, twenty feet or larger in width. A standard depth of office of eighteen feet is almost universal. This will allow sufficient depth for filing cabinets along the office side of the seven foot wide corridor, room for two desks and room for a sliding inter-communicating door where desired.

The air conditioning system will be the high-velocity induction perimeter window-unit type, with individual control, augmented in the interior areas with a dual-duct, high velocity system and ceiling outlets. The air conditioning machine will be of the steam-absorption type, the steam being provided by two gas-fired boilers which will also provide heat during the winter months.

A novel feature of the air conditioning system, worked out by Krey and Hunt, consulting engineers, is the utilization of lake water in lieu of a cooling tower. A settling basin and pump house is being constructed on the beach with three screened twelve-inch diameter suction lines being run 200 feet out into Lake Erie. The lake water will be pumped to the building and discharged into Rush Creek which has been relocated to run down the northerly property line of the site.

Landscaping of the site, roadways and parking areas will be by Clarke and Rapuano, landscape architects.

The gross area of the building will be 180,000 square feet and cubic content 2,430,000. The anticipated number of people using the building is 700. Provision has been made to increase the tower by three floors and for the addition of a two-story wing running west at the north end of the present two-story wing, if the space is required in the future.

ASSIST in providing adequately trained professional specification writers through the adoption of proper curriculums in professional schools.

For additional information or to obtain application forms for membership write to Harry C. Plummer, 1520 18th St., N.W., Washington, D.C. Willard H. Barrows, Chairman of Chapter Development Committee, 104 East 40th St., New York 16, N.Y. or to one of the following Chapters:—

BUFFALO: Raymond Gear, Secy., 130 West Chippewa St., Buffalo, N.Y.

METROPOLITAN NEW YORK: Ernest A. Paur, Secy., 205 Willow St., Bound Brook, N.J.

WOOD SERVES BEST WHEN PROTECTED BY OSMOSE PRESSURE TREATMENT

**Architects, Engineers and Builders Prefer
Osmose Pressure Treated Wood**

**Resists Rot, Termites and Fire
Costs Less Approved in Federal Specs.
Readily Available Clean and Paintable
Public Demand Increasing**

The ideal material for sleepers, subflooring, framing lumber, sills and joists, posts and poles—in schools, homes, churches, refrigeration structures, wet-process plants, outdoor theatres, etc., where decay or insect attack might be a problem.

Readily available in all sizes and quantities, large and small. Call or write us for details or aid in preparing specs.

Catalog with instructions for specs-writers listed in 1957 Sweet's Architectural File, section on Wood, 5d/0s. Approved in Federal Specs TT-W-569 and TT-W-00571d.

Osmose Wood Preserving Co.

980 Ellicott St.

EL 5905

Buffalo 9, N. Y.



Quackenbush Co. Inc.

ENGINEERS • CONTRACTORS

505 FRANKLIN ST. • ZONE 2 • *Buffalo, N.Y.*

HEATING - AIR CONDITIONING

INDUSTRIAL PIPING - BOILER PLANTS

SUMMER 4355

Established 1916

**METZGER
CONSTRUCTION
CORPORATION**

Building and Engineering Construction

**429 Carlton Street
Buffalo 11, N. Y.**

**ONONDAGA COUNTY OFFICE
BUILDING**

Cast-in-Place Concrete Piling

By

C. L. GUILD CONST. CO. INC.

**639 South Warren St.
Syracuse 2, N. Y.**

TWO GREAT NAMES IN SOUND CONDITIONING

Research Pioneered
Over Quarter Century

ACOUSTI-CELOTEX

Product of The
Celotex Corporation

AND

COLLUM ACOUSTICAL

Exclusive Distributors in New York State (except Metropolitan New York) and in Northwestern Pennsylvania

SYRACUSE ALBANY ROCHESTER BUFFALO JAMESTOWN

HEATING and POWER PLANTS

PROCESS PIPING

JOSEPH DAVIS, Inc.

HEATING ENGINEERS and CONTRACTORS

WORTHINGTON REFRIGERATION and AIR-CONDITIONING

AUTOMATIC SPRINKLER SYSTEMS

120 West Tupper Street

Buffalo 1, New York

Phone WA. 8435

ONONDAGA COUNTY OFFICE BUILDING

(Continued)

Flexibility of office layouts is obtained by having all interior partitions, except at stairs, toilet rooms and elevators, of movable, insulated, pre-fabricated, factory-finished steel. All such partitions were installed on top of the finished floors.

The building is served by three fully automatic, collective control, self-leveling passenger elevators having a capacity of 3,000 lbs. at a speed of 500 feet per minute. Elevators are designed for "attendant" or "non-attendant" use. In addition, there is an oil hydraulic sidewalk-lift which serves for delivery of materials to and from the basement. An electric dumbwaiter and pneumatic tube system provides intercommunication between the second and sixth floors for departments in these areas.

The basement floor in addition to providing a general lounge and lunch room for all employees, contains storage areas for each department together with space for maintenance shop, and janitor's space.

The building is lighted in all areas, except stairs and toilet rooms, with recessed, flush, fluorescent fixtures. Stair halls, toilets and basement store rooms are lighted with incandescent fixtures.

The entire building is completely air conditioned by the use of a conduit "weathermaster" system with external and internal zones to provide cooling in summer and heating in winter.

The air conditioning units at exterior walls are completely recessed below window sills and enclosed in continuous pre-fabricated, factory finished metal enclosures, the tops of which are of stainless steel and form the interior window sills. The grille locations in tops of sills and in enclosure fronts are located so as

to give flexibility in moving of the metal office partitions when necessary.

All air conditioning equipment is located in a mechanical equipment room in the penthouse on the roof. The cooling tower on the roof is enclosed by glazed brick exterior walls with solid common brick backing which in turn is waterproofed.

Steam for operations of the cooling and heating system is obtained from the County Power Plant located about a block from the building and run underground to a steam service room in the basement.

An existing "walk-thru" tunnel between the Court House and County Jail was extended to the basement elevator lobby of the new building to provide pedestrian traffic between all three buildings.

Gross Area = 91,872 Sq. Ft.

Cubage = 1,110,150 Cu. Ft.

Total Cost

General Construction	\$1,458,900.60
Heating & Air Conditioning	306,075.00
Plumbing	93,725.89
Electrical	185,879.65
Elevators & Dumbwaiter	162,612.00

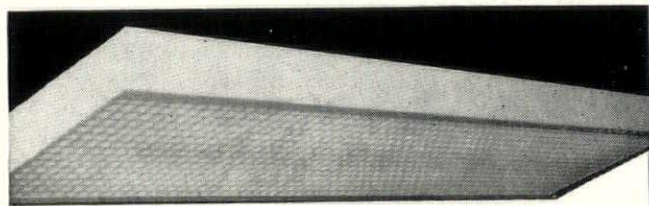
\$2,207,193.14

Cost per Sq. Ft. = \$24.02

Cost per Cu. Ft. = \$ 1.96

Above costs include all sub-dividing partitions.

King and King were the architects; Robson & Woese, Inc., were consulting mechanical engineers and Eckert & Klepper were consulting structural engineers, all from Syracuse, N. Y.



An Inconspicuous Light Source...

...describes Wiley's new Zephyrs. Their beautiful unadorned lines harmonize so well with any decor that you're unaware of the source of light. Their wafer-like thinness makes them ideally suited to installations where recessed fixtures cannot be used.

They may be arranged end to end, side by side to form squares, rectangles, borders. They may be mounted flush or suspended. You may have your choice of shielding: louvered (molded one piece polystyrene grid, metal egg-crate) or glass (Corning flat or curved lens).

Erection is simple, requiring only minutes. Patent E-Z servicer simplifies maintenance. Fixtures measure 12" x 48" and are only 3 1/4" deep. E.T.L. certified electrical components are used.

R & W WILEY INC.
DEARBORN AND BRIDGE STS.

PIONEERS IN
FLUORESCENT LIGHTING
BUFFALO 7, NEW YORK

Now in 18 Matching Colors

REGAL WALL SATIN

(The rubberized acrylic latex paint
for walls and ceilings)

SATIN IMPERVO ENAMEL

(A low lustre alkyd enamel for
walls, ceilings and trim)

for interior painting

**Benjamin
Moore**  **paints**

**Tops in Quality
For more than 70 Years**

511 Canal Street, New York 13, New York



PORCELAIN

- Fabricated on job from sheets
- Exterior or Interior Wall Facings
- 36 Colors—Ripples—Stipples
- Acid Resistant — Really Flat!

Members Porcelain Enamel Institute

SAW IT — NAIL IT —
FIT IT — ON THE JOB.



Honeycomb Curtain Wall—Spandrels, etc.

MIRAWAL SALES
CO., INC.

1004 FIRST AVE.
ASBURY PARK, N. J.

PROSPECT 5-7000

REGIONAL DISTRIBUTORS — SHIPMENTS FROM STOCK

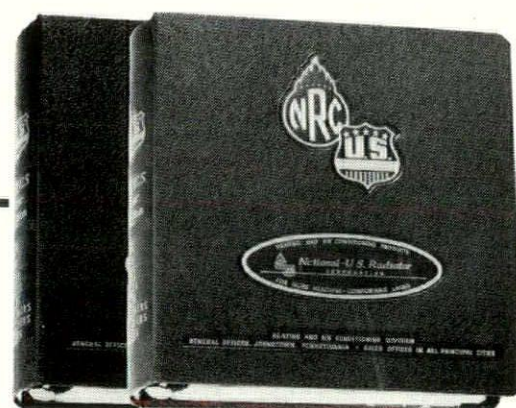
A. O. STILWELL CO., INC.

991 MAIN ST., BUFFALO 3, NEW YORK

Specialized Building Products

Representing

THE PEELE COMPANY
RICHMOND FIREPROOF DOOR COMPANY
WM. BAYLEY COMPANY
MACOMBER, INC.
TRIO INDUSTRIES, INC.
ART METAL CONSTRUCTION CO.
HOPE'S WINDOWS, INC.
SEAPORCEL METALS, INC.
HENRY WEIS MFG. COMPANY
NORTH AMERICAN IRON & STEEL CO.
PANELFAB PRODUCTS, INC.
CONSTRUCTION SPECIALITIES, INC.
WARE LABORATORIES, INC.
BRUNSWICK-BALKE-COLLENDER COMPANY, HORN DIVISION
CUPPLES PRODUCTS CORP.
BYRNE DOORS, INC.
PROSPERITY COMPANY
BUTLER MANUFACTURING COMPANY
WILKINSON CHUTES, INC.
PIONEER FIREPROOF DOOR CORP.
GOTHAM CHALKBOARD & TRIM COMPANY, INC.
WHIZZER INDUSTRIES



For your Information

• Heating Catalog

Covering full range of hot water and steam heating systems for commercial, residential and industrial comfort heating. Sections on boilers, convectors, radiant baseboards, heat distributors, fin tubes, etc.

• Air Conditioning Catalog

Capitolaire Air and/or Water Cooled Air Conditioning Units in 1-ton to 50-ton capacities. Central systems for stores, offices, residences, motels, etc.

Write for Catalogs you need.



National-U.S. Radiator

CORPORATION

HEATING AND AIR CONDITIONING DIVISION
Johnstown, Pennsylvania

McDOUGALL-BUTLER CO., INC.

MAKERS OF *Quality*

PAINTS

2929 MAIN STREET
BUFFALO 14, N. Y.

Cooperating

WITH THE ARCHITECT
THROUGH QUALITY
FINISHES, ADVISORY
DEPARTMENT ON PAINT
FINISHING AND 1957
PUBLISHING OF OUR
MANUAL - - -

"PAINT SPECIFICATIONS"

BOOK REVIEW

"It is reasonable to expect that in the coming 10 years some 70,000 churches and synagogues will be constructed," predicts George Cline Smith, noted construction economist, in **RELIGIOUS BUILDINGS FOR TODAY**, by the editors of *Architectural Record*, just published by F. W. Dodge Corporation, New York. The important question for those who will share in this construction is: Will our building be successful?

In this new book are surveys of 35 outstanding churches and synagogues with covering commentary and photographs, plus additional longer text selections by notable contributors. All this material gives a solid indication of what needs forthcoming buildings must fulfill, in addition to showing inspiring examples of successful religious architecture for today.

These new buildings will "only flower in the moment, if they are rooted in eternity," according to Otto Spaeth, one of 12 contributors to the book and a noted collector and authority in the field of liturgical arts. Our buildings, Spaeth continues, must not be copies from a European past, and they must be for eternity as we apprehend it "through a glass darkly." Spaeth's point is that the "glass" through which each age glimpses its eternity may clear or darken but its change is inevitable, and the vision of one age, no matter how fruitful, can never flower eternally.

In **RELIGIOUS BUILDINGS FOR TODAY**, Spaeth writes with wit and insight of the architectural blunders we have committed in our religious buildings because we have neglected to plan them in the context of our daily lives. He cites two very famous churches, St. John the Divine, in New York, and the National Catholic Shrine of the Immaculate Conception, in Washington, as extravagant, anachronistic follies.

Spaeth goes on to say, "It seems to me that the first requirement of a church or temple today is that it be of today, contemporary, a structure embracing the total life of the parishioner. That parishioner drives a streamlined car to work in an office or factory where everything has been designed for maximum efficiency and comfort. He travels in streamlined trains and jet-propelled planes. Yet every Sunday he is asked to hurl himself back centuries to say his prayers in the pious gloom of a Gothic or Romanesque past. The clear implication is that God does not exist today; He is made out to be a senile old gentleman dwelling among the antiques of his residence, one whom we visit each week out of sentiment and then forget since he obviously has no relation to the normal part of our lives."

Spaeth calls attention to the fact that the churches and synagogues shown in **RELIGIOUS BUILDINGS FOR TODAY** are not typical of most building attempts. However, if equipped with three essentials—an "open-minded and modest clergy," architects with the courage to say "no" to building committee Babbits, and, lastly, competent art advisors and critics to "protect the church from the generosity of donors,"—Spaeth sees as possible churches and synagogues which will "echo once more the plain statement of God that His Church is for all men, of all times, in all places."

The religious buildings included in this book know no restrictions of geographical location, religious faith, nationality, nor architectural style. The only point of similarity between these buildings is that they are all of today and were planned to fit into the active, everyday lives of their communicants.

In over 300 excellent photographs and drawings, the exteriors, interiors, and many special features, such as lighting, works of art, and furnishings, are readily accessible as a source of creative ideas and esthetic enjoyment.

In addition to the photographic and textual coverage of these 35 religious projects, **RELIGIOUS BUILDINGS FOR TODAY** contains special sections dealing with getting good church architecture, planning church schools, worship and the arts, and other important topics written by leading secular authorities, clergymen, and architects.

RELIGIOUS BUILDINGS FOR TODAY \$7.50
edited by John Knox Shear, A.I.A.

Editor-in-Chief 183 pages, 8¾ x 11¾ in.
Architectural Record

302 illustrations, half-tone and line

A review copy will be sent you upon request.

AT YOUR SERVICE MR. ARCHITECT

- **BLUE PRINTS**
- **PHOTO COPIES**
- **DRAWING MATERIALS**



BUFFALO

BUFFALO BLUE PRINT CO.

L. J. Marquis, Jr., Owner-Manager

Phone CL. 0370

35 Court Street

COMMERCIAL BLUE PRINT CO.

Geo. G. Merry

MA. 0208

208 Lower Terrace

SENECA BLUE PRINT CO.

Herbert Knight

Phone WA. 6772

187 Delaware Avenue

SULLIVAN-McKEEGAN CO., INC.

R. K. McKeegan

Phone CL. 4400

739 Main Street

ROCHESTER

CITY BLUE PRINT CO.

W. F. Schock

Phone Hamilton 3730

Six Atlas Street

H. H. SULLIVAN, INC.

John H. Sullivan, President

Phone Baker 5-4220

67 South Avenue

SYRACUSE

H. H. SULLIVAN, INC.

John H. Sullivan, President

Phone 3-8159

213 E. Genesee Street

SYRACUSE BLUE PRINT COMPANY, INC.

A. B. Nye, President

Phone 76-6251

427 E. Jefferson Street

BUFFALO BUILDERS SUPPLY DEALERS SERVING NEW YORK STATE ARCHITECTS



ACME BUILDERS SUPPLY AND HARDWARE INC.

UN. 4890

135 MANHATTAN AVE.

BUFFALO, N. Y.

ALTENBURG BRICK COMPANY

UN. 7108

3011 MAIN ST.

BUFFALO, N. Y.

B & B BUILDERS SUPPLY CO.

LI. 4000

NIAGARA ST. AT W. DELAVAN AVE.

BUFFALO, N. Y.

BRAY BROTHERS, INC.

BA. 7020

343 WINSLOW AVE.

BUFFALO, N. Y.

BUFFALO BUILDERS SUPPLY CO.

WO. 1575

2119 SOUTH PARK AVE.

BUFFALO, N. Y.

HENRY R. DUCH

HU. 3414

401 LINDBERGH DRIVE

BUFFALO, N. Y.

GLOBE BUILDERS SUPPLY INC.

FI. 6767

1540 WALDEN AVE.

BUFFALO, N. Y.

KENMORE BUILDERS SUPPLY CO., INC.

VI. 3100

28 HINMAN AVE.

BUFFALO, N. Y.

LACKAWANNA BUILDERS SUPPLY CO., INC.

TR. 5560

880 RIDGE ROAD

LACKAWANNA, N. Y.

THRUWAY BUILDERS SUPPLIES CORP.

BA. 6718

3200 GENESEE ST.

CHEEKTOWAGA, N. Y.

TOWN BUILDERS SUPPLY INC.

DE. 1220

448 NORTHWOOD DRIVE

KENMORE, N. Y.

Architects' plans become a reality
through the use of money deposited in
the Three Mutual Savings Banks of Buffalo



BUFFALO SAVINGS BANK
ERIE COUNTY SAVINGS BANK
WESTERN SAVINGS BANK
BUFFALO, N. Y.

Members Federal Deposit Insurance Corporation



Weldwood walnut paneling in President's office, Judy Bond, New York. Architect; Gerhard E. Karplus, New York.

A relaxed setting for important decisions...

Achieve it beautifully with wood paneling by Weldwood

Achieve it easily too. Weldwood paneling is simple to install... and the cost is moderate. A Weldwood Architect's Service Representative will help you choose from our large collection of selected woods.

The mounting pressure of business provides an opportunity for the imaginative architect or decorator. For, with fine wood paneling, you can create a calm, relaxing setting... ideal for transacting business. At the same time the quiet beauty of wood lends great dignity to the surroundings. These characteristics of fine woods are highly valued by modern business.

Weldwood offers a wide choice of interesting woods, from "standards" like walnut, mahogany, oak and cherry, to exotic and imported species like Brazilian rosewood, teak and Korina®.

For very special jobs you'll be interested in custom, blueprint-matched Weldwood paneling. Or architectural-grade sequence-matched sets which are available in a variety of species from stock.

Contact your Weldwood Architect's Service Representative when you start planning your next job. There is no obligation. You can see a full selection of Weldwood paneling at any of our 87 branch offices in major cities. In New York, at Weldwood Building, 55 W. 44th St., and at Architects Sample Corp. In Canada: Weldwood Plywood, Ltd.

WELDWOOD® WOOD PANELING



A PRODUCT OF

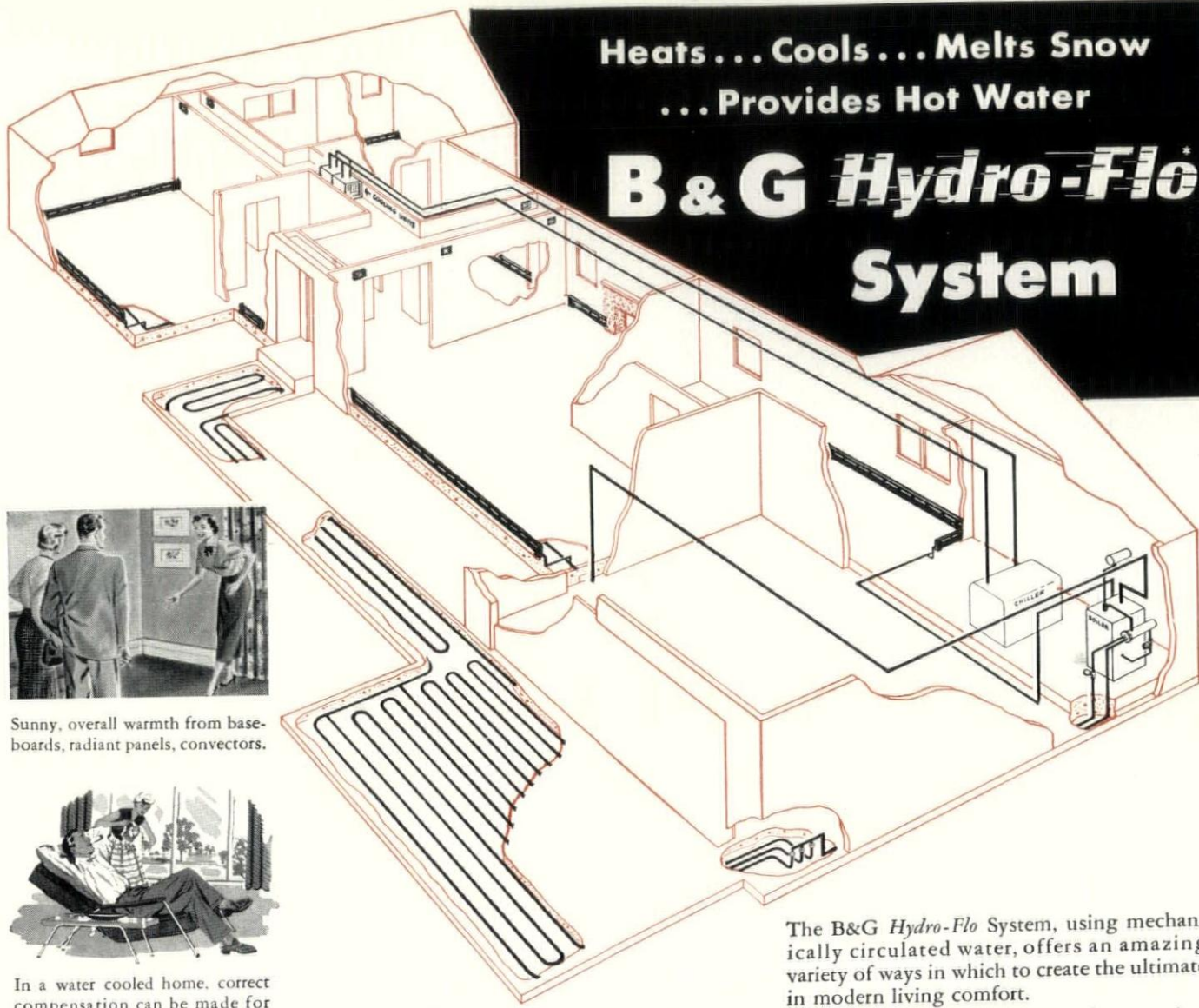
UNITED STATES PLYWOOD CORPORATION

ADVERTISERS IN THIS ISSUE

	Page		Page
Acme Shale Brick Co., Inc.	60, 61	Hope's Windows, Inc.	24
Aerofin Corp.	74	Hutchison-Rathbun, Inc.	60, 61
Allco Concrete Products Corp.	62	Independent Nail & Packing Co.	66
American Brass Co.	13	Johns-Manville Sales Corp.	63
American-Olean Tile Co.	Back Cover	Johnson Service Co.	16
American Seating Co.	2	Latta Brook Corp.	62
Anchor Concrete Products Co.	10, 11, 62	Leach Steel Corp.	26
Andrew Susco & Son	62	Lexsuo Inc.	54
Anemostat Corp. of America	Inside Front Cover	Mahon, R. C. Co.	29
Argo Block Co., Ltd.	62	Marietta Concrete Corp.	62
Arnold, F. P. Corp.	21	Master Builders	58
Auburn Cement Products Co., Inc.	62	Mastic Tile Corp. of America	15
Barnes & Cone, Inc.	62	McDougall-Butler Co.	86
Bayley, William Co.	23	Metzger Construction Co.	84
Bec Electric Co.	82	Mid-State Concrete Plank, Inc.	81
Bedford Hills Concrete Products	62	Mirawal Sales Co.	86
Belden-Stark Brick Corp.	60, 61	Modernfold Door Sales Corp.	82
Bell & Gossett Co.	93	Mohawk Building Materials Corp.	60, 61
Benjamin Moore & Co.	85	Montgomery-Mallue, Inc.	82
Binghamton Brick Co., Inc.	60, 61	Nailable Cinder Block Corp.	62
Black, John H. Co.	60, 61	Nassau Concrete Products Co., Inc.	62
Bowen Building Block & Supply Corp.	60, 61	National Gypsum Co.	22
Brick Mfgs. Assn. of New York, Inc.	72	National-U. S. Radiator Corp.	86
Brunswick-Balke-Collender Co.	80	Nesbitt, John J. Inc.	8
Buffalo Blue Print Co.	87	Nuzzo, Tony & Sons, Inc.	62
Buffalo Brick Co.	60, 61	N. Y. State Steel Fabricators Assn.	Inside Back Cover
Buffalo Building Material Dealers	89	Onondaga Brick Co.	31
Buffalo Forge Co.	95	Osmose Wood Preserving Co.	83
Buffalo Gravel Corp.	80	Paragon Supply, Inc.	60, 61
Buffalo Perlite Co.	71	Pass & Seymour, Inc.	65
Buffalo Savings Bank	90	Peelle Company	96
Buffalo Slag Co.	78	Phelps Cement Products, Inc.	62
Building Block Div. Cutler Ice Co.	60, 61	Picone Bros. Building Supplies, Inc.	62
Cartwright & Morrison, Inc.	59	Pine Hill Concrete Mix Corp.	78
Case Mfg. Co.	94	Pollera, A. & Sons	62
Cataldo Bros. & Sons, Inc.	60, 61	Portland Cement Assn.	34
City Blue Print Co.	87	Pratt & Lambert, Inc.	76
Collum Acoustical Co.	84	Quackenbush Co., Inc.	83
Comac Builders Supply Corp.	60, 61	Rappl & Hoenig Co.	62
Commercial Blue Print Co.	87	Revere Copper & Brass, Inc.	6
Concrete Plank Co., Inc.	67	Rigidized Metals Corp.	20
Consolidated Brick Co., Inc.	60, 61	Rittling Corp.	56
Cossitt Concrete Products, Inc.	62	Robbins Floor Products, Inc.	12
Cowper, John W. Co., Inc.	30	Seneca Blue Print Co.	87
Dagostino Building Blocks	62	Siegfried Construction Co.	69
Danforth, John W. Co.	78	Smith, H. B. Co., Inc.	4
Davis, Joseph, Inc.	84	Smithtown Concrete Products Corp.	62
Dempsey's Concrete Products	62	Southern Tier Concrete Products Co.	62
Dodge, F. W. Co.	75	Statler Hotel	68
Dohn Fischer and Co., Inc.	82	Stilwell, A. O. Co.	86
Domine Builders Supply Co., Inc.	62	Stimm, H. F., Inc.	88
Dur-O-wal Division	3	Storm Flooring Co., Inc.	5
Elmira Block, Inc.	62	Sullivan, H. H., Inc.	87
Erie County Savings Bank	90	Sullivan-McKeegan Co., Inc.	87
Evans Pipe Co.	28	Syracuse Blue Print Co.	87
Finger Lakes Stone Co., Inc.	7	Syracuse Brick Co.	60, 61
Flower City Builders & Supply Corp.	62	Taylor Concrete Products, Inc.	62
Frontier Dolomite Products Corp.	57	Taylor, Kenneth A., Inc.	88
Frontier Lumber Co., Inc.	82	Ter Bush & Powell, Inc.	27
General Bronze Corp.	1	Thorold Concrete Block Co., Ltd.	62
Green, T. S. Stage Equipment	70	United States Gypsum Co.	17
Guild, C. L. Co.	84	United States Plywood Corp.	91
Hager, E. M. Sons Co.	82	Vermont Marble Co.	79
Hanley Company	25	Walker, George W. & Sons	82
Haughton Elevator Co.	70	Weckesser Brick Co.	60, 61
Haws Drinking Faucet Co.	73	Western Savings Bank	90
Henrich Lumber, Inc.	82	Whitmer-Jackson Co.	77
Herman Nelson Division	18, 19	Wiley, R. & W., Inc.	85
Hildom Cinder Block Co.	62	Yaeger Floor Co.	5
Hillyard Chemical Co.	14	Zonolite Co.	64
Hoddick & Taylor, Inc.	80		

Heats... Cools... Melts Snow
... Provides Hot Water

B & G Hydro-Flo System



Sunny, overall warmth from baseboards, radiant panels, convectors.



In a water cooled home, correct compensation can be made for summer heat gain.



A virtually limitless supply of hot water for kitchen, laundry and bath.



Snow melting for relief from shoveling—safe driveways and sidewalks.



B & G BOOSTER

Noiselessly circulates water for heating and cooling the house and for snow melting panels. Known everywhere for quiet, dependable, long-lived operation.



*Reg. U.S. Pat. Off.

The B & G Hydro-Flo System, using mechanically circulated water, offers an amazing variety of ways in which to create the ultimate in modern living comfort.

The sketch above illustrates the complete versatility of a water system. The heating in this home is with modern, inconspicuous baseboard panels. Cooling is achieved by circulating chilled water to a fan coil unit installed in a plenum formed by a dropped ceiling in the hall. Cool, de-humidified air is distributed through high grilles into the various rooms.

Snow melting coils under the sidewalk and driveway are circulated with an anti-freeze solution heated in an exchanger connected to the boiler. For domestic hot water, an indirect heater supplies the ample volumes demanded by modern labor-saving devices.

For the last word in year 'round comfort, convenience and health protection, backed by long-lived, trouble-free equipment, get the facts on the B & G Hydro-Flo System.

"Water is the most efficient and economical medium for conveying a BTU"

BELL & GOSSETT

C O M P A N Y

Dept. EY-39, Morton Grove, Illinois

Canadian Licensee: S. A. Armstrong Ltd., 1400 O'Connor Drive, West Toronto

Right Combination

FOR SALE AFTER SALE!



PRODUCED IN 41 DECORATOR COLORS PLUS SPARKLING BLACK AND WHITE

Here is the most wanted, therefore most *profitable* bathroom fixture combination you can offer. The industry's first Concave Lavatory* plus the famous Case Non-Overflow One-piece** Water Closet with the whispering flush.

The Case Wellington*** 300 Lavatory is the most wanted because it's the first *really comfortable* lavatory ever made for men and women. Gracefully curved for comfort and unusual beauty. Extra-spacious, wide, flat deck. Shown with art-designed wrought iron legs and towel bars all in one piece.

Legs supplied in decorator colors and sparkling black and gold. You already know the Case One-Piece Water Closet and its customer-winning features like non-overflow bowl; safeguarding anti-syphon ballcock; pressurized cleansing rim flush; large water area; healthful seat height; time tested, with streamlined design in 41 colors and black and white. Ask your Case wholesaler or distributor or write:

by **Case**

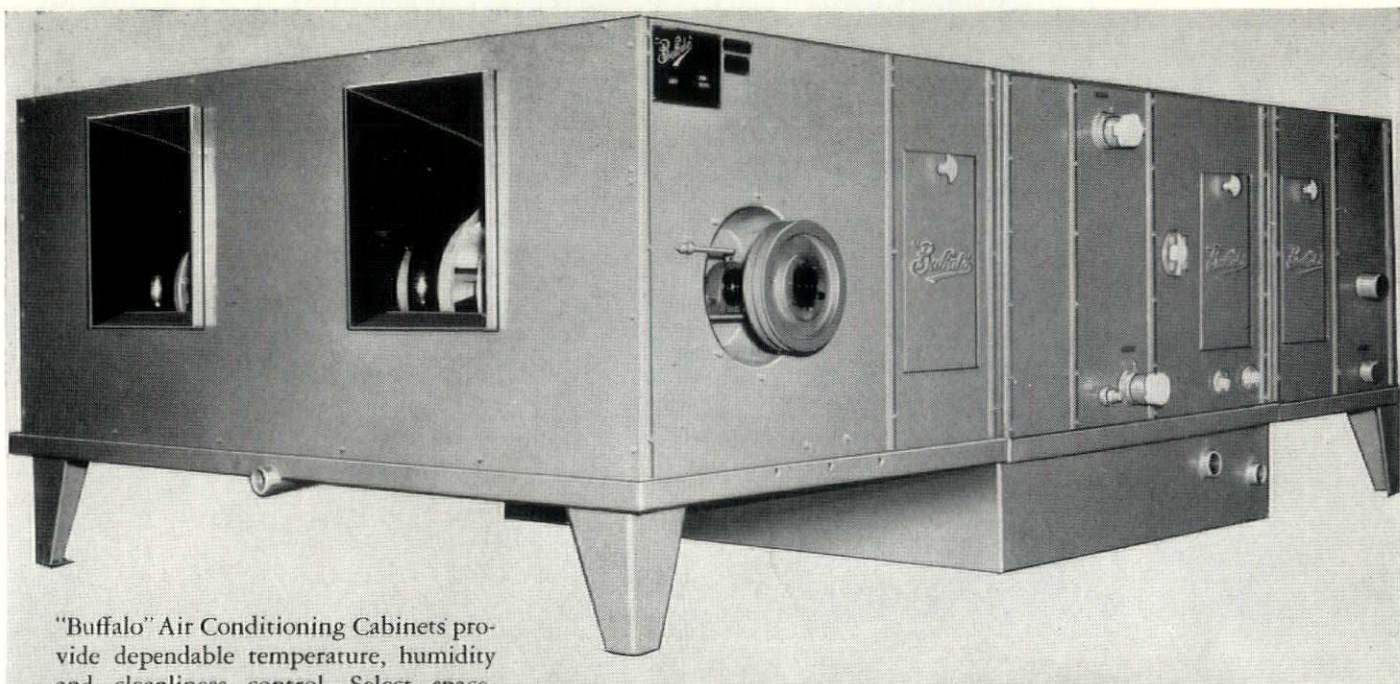
*Available with Wrought Iron or Chrome Legs

**Patented

***Patent Pending

CASE MANUFACTURING CORPORATION

33 MAIN STREET, BUFFALO 3, NEW YORK



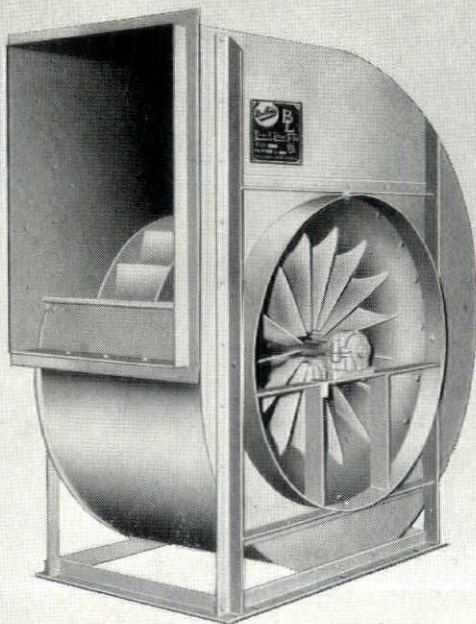
"Buffalo" Air Conditioning Cabinets provide dependable temperature, humidity and cleanliness control. Select space-saving horizontal models for overhead suspension, or vertical models designed to take up a minimum of floor space.

For complete information, write for Bulletin AC-120.

"Buffalo" High-Performance, Low-decibel fans like the Type "BL" below deliver top efficiency in Class I ventilation jobs.

"Buffalo" Type "BLH" Fans are especially designed for quiet, highly-efficient performance in Classes II-IV high pressure installations.

For detailed data, write for Bulletins F-102 and F-200.



COMPLETE AIR COMFORT FACILITIES BY "BUFFALO" KEEP PACE WITH MODERN ARCHITECTURAL DESIGN

Modern architectural design calls for interior comfort to match exterior beauty. And many of today's experts in building design look to "Buffalo" equipment to provide this essential air comfort most efficiently, dependably and economically.

Highest satisfaction and lowest cost in the long run have always been mighty good reasons for selecting "Buffalo" Fans and Air Conditioning Units. All over the country—yes, all over the world—you will find "Buffalo" air handling equipment doing an outstanding job in leading plants, public buildings, stores, institutions and hotels.

This wide acceptance of "Buffalo" products reflects the confidence of the experts—earned by our 80 years of engineering experience—merited by our insistence on the "Q" Factor, the built-in QUALITY which provides trouble-free satisfaction and long life for *every* "Buffalo" product.

To insure complete satisfaction for your next air job, be sure to contact your nearest "Buffalo" Engineering Representative.



BUFFALO FORGE COMPANY
BUFFALO, N. Y.

Canadian Blower & Forge Co., Ltd., Kitchener, Ont.

VENTILATING AIR CLEANING AIR TEMPERING INDUCED DRAFT EXHAUSTING
FORCED DRAFT COOLING HEATING PRESSURE BLOWING

Specify Stainless Steel Sills for

DUMBWAITER DOORS

1. To eliminate repainting costs due to scratched and worn finish on painted dumbwaiter door sills.

2. To assure permanent attractive finish providing cleanliness and preventing corrosion.

The following short specification will help you solve dumbwaiter sill problems.

Furnish only, installation by others, bi-parting dumbwaiter door units as manufactured by The Peelle Company, 47 Stewart Avenue, Brooklyn 37, New York and bearing the label of the Underwriters Laboratories. Each unit shall consist of 16 gauge plain steel head, jamb, and 14 gauge stainless steel sill. Door panels of hollow metal construction filled with fireproof acoustical filler. Each upper panel shall be equipped with a 3" diameter vision panel. The top edge of the lower panel shall be constructed with stainless steel extended sill to close the space

between the car platform and door panel. (Car clearance between shaft wall and dumbwaiter car to be 3 1/4"):

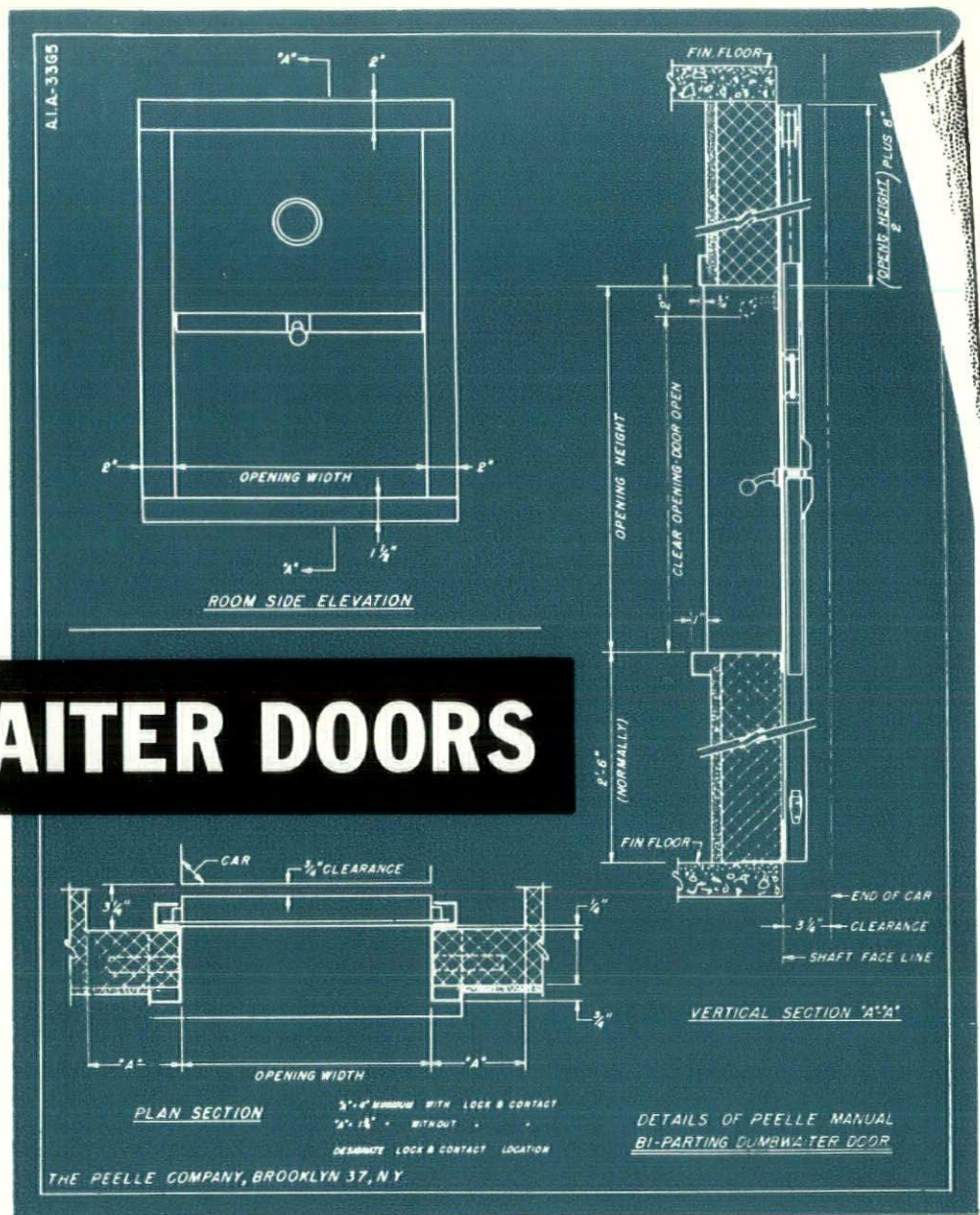
Each dumbwaiter door unit shall be equipped with either a lock and contact operated by a stationary cam, or interlock operated by a retiring cam.

Provisions will be made for mounting lock and contact or interlock on dumbwaiter door rail. All wire, wiring and mounting of lock and contact or interlock to be by dumbwaiter car manufacturer.

The assembled units, shall have one prime coat of shop paint before shipment. Finish painting by others.

The doors shall be guaranteed for one year against defects in workmanship and materials by the manufacturer.

Alternate: If complete stainless steel unit is required, frames shall consist of 16 gauge stainless steel jambs and head, and 14 gauge stainless steel sill. Room side face of panels to be 16 gauge stainless steel and shaft side plain steel.



SPECIFICATIONS


PEELLE FOR DOORS

FREIGHT ELEVATOR DOORS • DUMBWAITER DOORS • INDUSTRIAL DOORS

THE PELLE COMPANY 47 Stewart Avenue, Brooklyn 37, N.Y.
OFFICES IN PRINCIPAL CITIES

STEEL

provides
space



Only STEEL provides more, wide-open useable space in almost any type of structure. In addition, STEEL IS ECONOMICAL . . . rapid erection cuts costs. QUICK . . . goes together fast. SAFE . . . rugged and enduring. AVAILABLE . . . contact your local member fabricators for reasonable, realistic delivery dates.

SPECIFY STEEL!

NEW YORK STATE STEEL FABRICATORS ASSN. INC.

ALBANY, N. Y.

Clausen Iron Co., Inc.
James McKinney & Son, Inc.

BINGHAMTON, N. Y.

Binghamton Steel & Fabricating Co., Inc.

BUFFALO, N. Y.

Ernst Construction Corp.
August Feine & Sons Co.
Lackawanna Steel Construction Corp.
R. S. McManus Steel Construction Co., Inc.

CORRY, PA.

Rogers Structural Steel Co., Inc.

ERIE, PA.

Electro-Weld Manufacturing Co.

ROCHESTER, N. Y.

F. L. Heughes & Co., Inc.
Leach Steel Corp.

ROME, N. Y.

Rome Iron Mills, Inc.

SYRACUSE, N. Y.

Empire Structural Steel Fabricators, Inc.
Smith & Caffrey Co.
Syracuse Engineering Co., Inc.

TROY, N. Y.

West Side Structural Co., Inc.

UTICA, N. Y.

Utica Steam Engine & Boiler Works
Utica Structural Steel, Inc.



TILE FOR BEAUTY

MURAL. $1\frac{1}{8}$ " SQUARES: RED, BLACK, DARK GRAY, YELLOW, CASCADE AND WHITE. COLOR PLATE 368.

The trend today is to **TILE**

Here, in the Mamaroneck, N.Y., Senior High School, McCoy and Blair, Architects, created a striking effect with a mural of American Olean ceramics. It is one of many new buildings in which the decorative values of tile have been skillfully handled. Classes will come and go, but the tile in this building will remain forever colorful, trouble-free, easiest of all to maintain.

If you have a design problem, we will be glad to cooperate with you in creating decorative effects with tile.

Write for literature. Full color booklets, No. 600, "Tile for Schools and Hospitals". No. 901, "New Large Size Tile". American Olean Tile Co.; Executive Offices, 1229 Cannon Ave., Lansdale, Pa.

CERAMIC TILE
American
Olean

FACTORIES: LANSDALE, PA., OLEAN, N. Y.
MEMBER, TILE COUNCIL OF AMERICA, PRODUCERS'

LOCKER ROOM. WALLS: 51 JONQUIL. FLOOR: FAWN TEXTONE. COLOR PLATE 369.

TILE FOR UTILITY

